	1. round	2. round	3. round	4. round	5. round	6. round	7. round	8. round	9. round	10 round	11. round	test for binding 11.round	CR (1) 12.round	DR (1)	test for binding	CR (2) 13.round	DR (2)	test for binding	CR (3) 14.round	DR (3)
matrix	NA	NA	UL	UL	NA	NA	UL	UL	UL	NA	NA	UL		UL	UL	UL	UL	UL	UL	UL	UL
C [ghrelin]																				
5µM																				
1µM	34	48						449					1238							
500nM				3																
250nM			3	2	25	57										725				
100nM						13	50													
50nM							31	9,5	58			59			362					
25nM								2,5	15	14	27									
10nM											8 14			16			134			120

Fig1 Tab 1A: signal/ noise ratio for the RNA selection for D-ghrelin binding aptamers

abbreviations:

NA - neutravidin agaose
UL - streptavidin ultralink

CR - collection round
DR - double round (selection round without amplification with RNA from CR)

Fig. 1

	1. round	2. round	3. round	4. round	5. round	6. round	7. round	8. round	9. round	10. round	11. round	12. round	test for binding 12.round	CR (1) 13.round	DR (1)	test for binding	CR (2) 14.round	DR (2)	test for binding	CR (3) 15.round	DR (3)
Matrix	NA	NA	UL	UL	NA	NA	UL	UL	NA	NA	UL	UL		UL	UL	UL	UL	UL			
3µM														707							
1µM								217													
500nM	73	475																			
300nM																					
250nM																					
100nM			8	4	22	134															
50nM						99	19				42		141			483	478				
25nM							9	21													
10nM								9	393												
2nM									70	28											
1nM										8	8	4			7			145			115
500pM										3,5	1,7	2			3			19			38,6

Fig 2 Tab1B: signal/ noise ratio for the 2'-F-RNA selection for D-ghrelin binding aptamers

abbreviations:

NA - neutravidin agaose
UL - streptavidin ultralink

CR - collection round
DR - double round (selection round without amplification with RNA from CR)

Fig. 2

	round 1	round 2-5	round 6-11/12	collection rounds
RNA	6nmol	1nmol	500pmol	1000pmol
2`F-RNA	3nmol	1nmol	500pmol	1000pmol

Fig 3: amount of RNA/ 2`F-RNA used in the selection process

Fig. 3

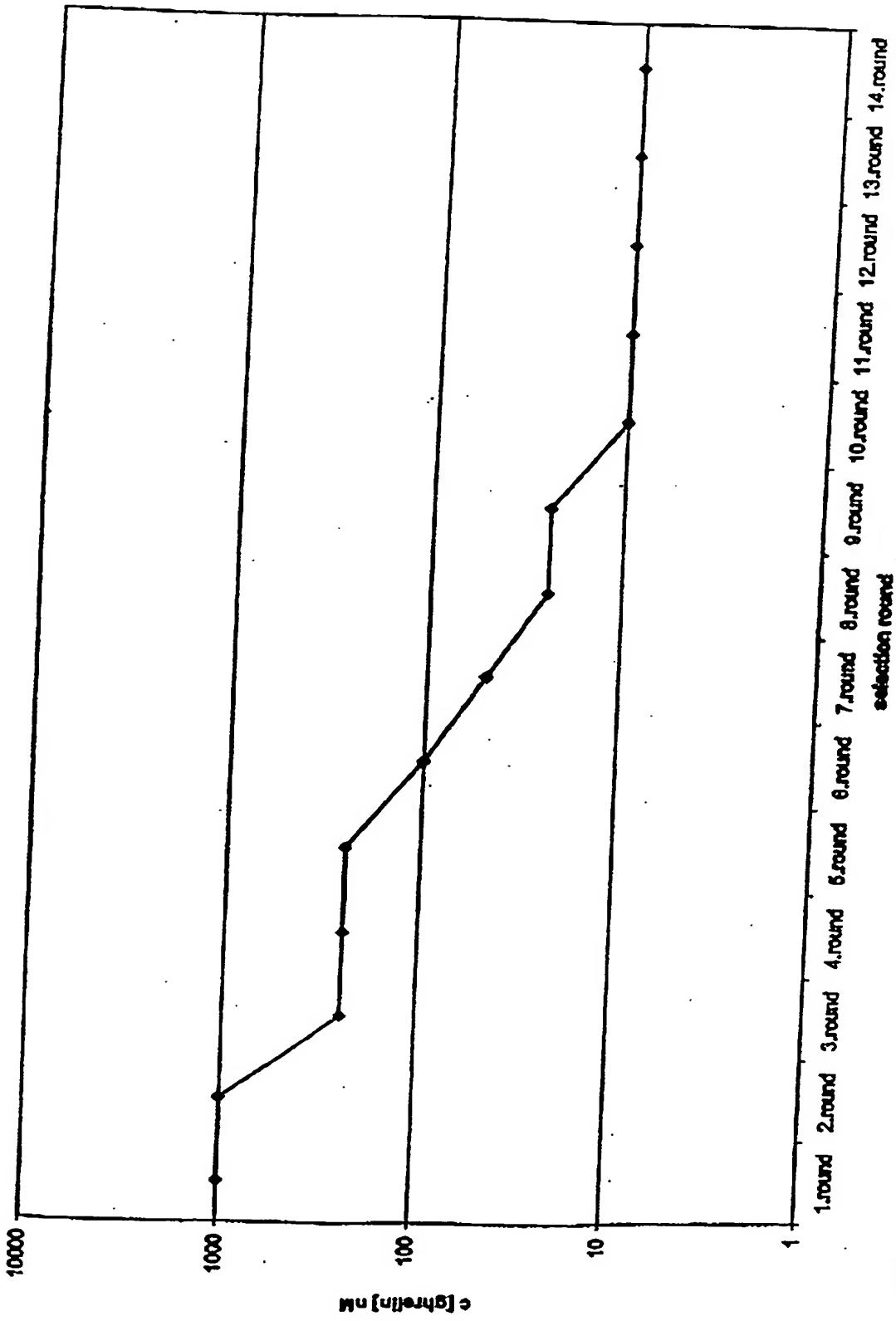


Fig.4A: course of the ghrelin peptide concentration for the RNA selection

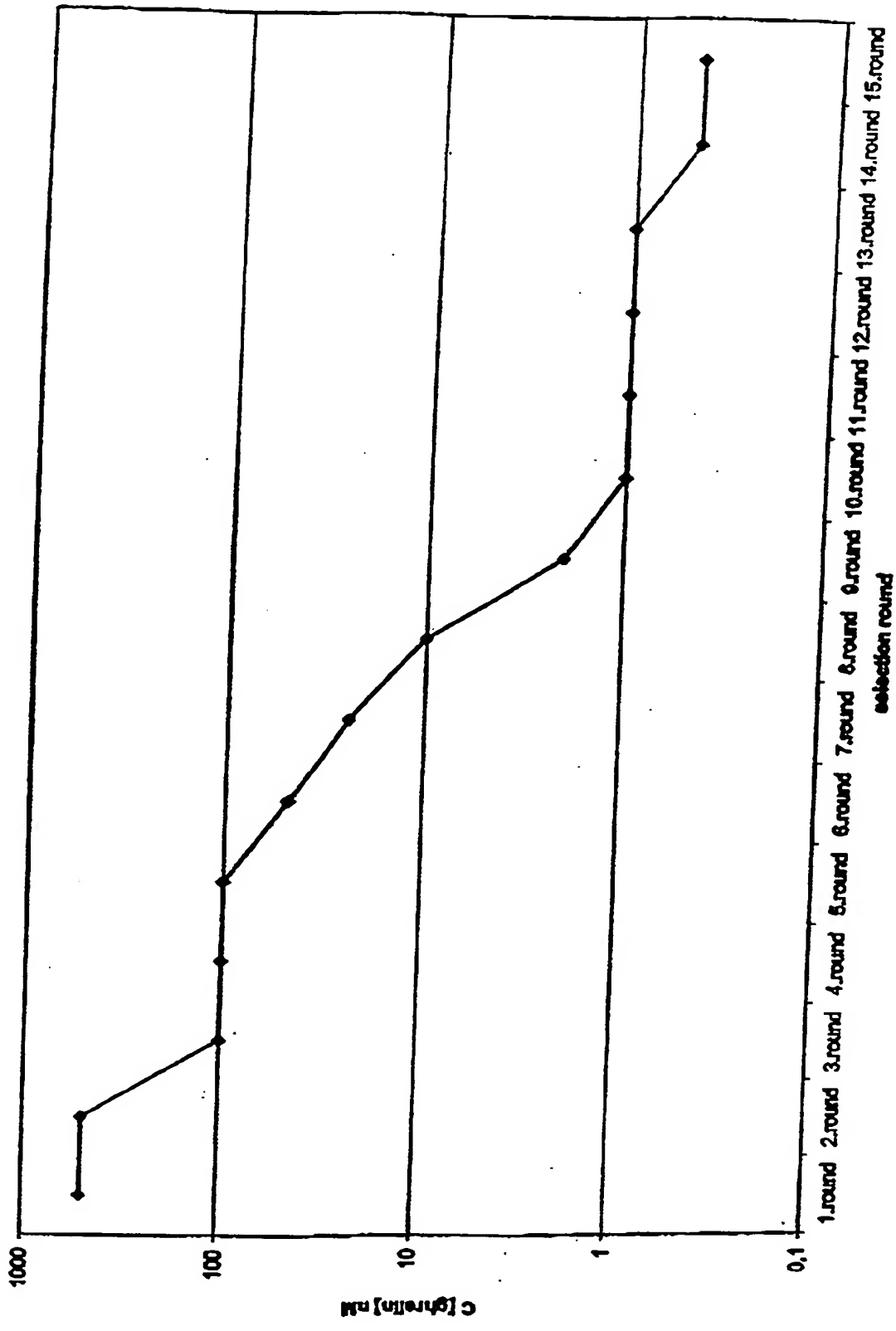


Fig.4B: course of the ghrelin peptide concentration for the 2'F-RNA selection

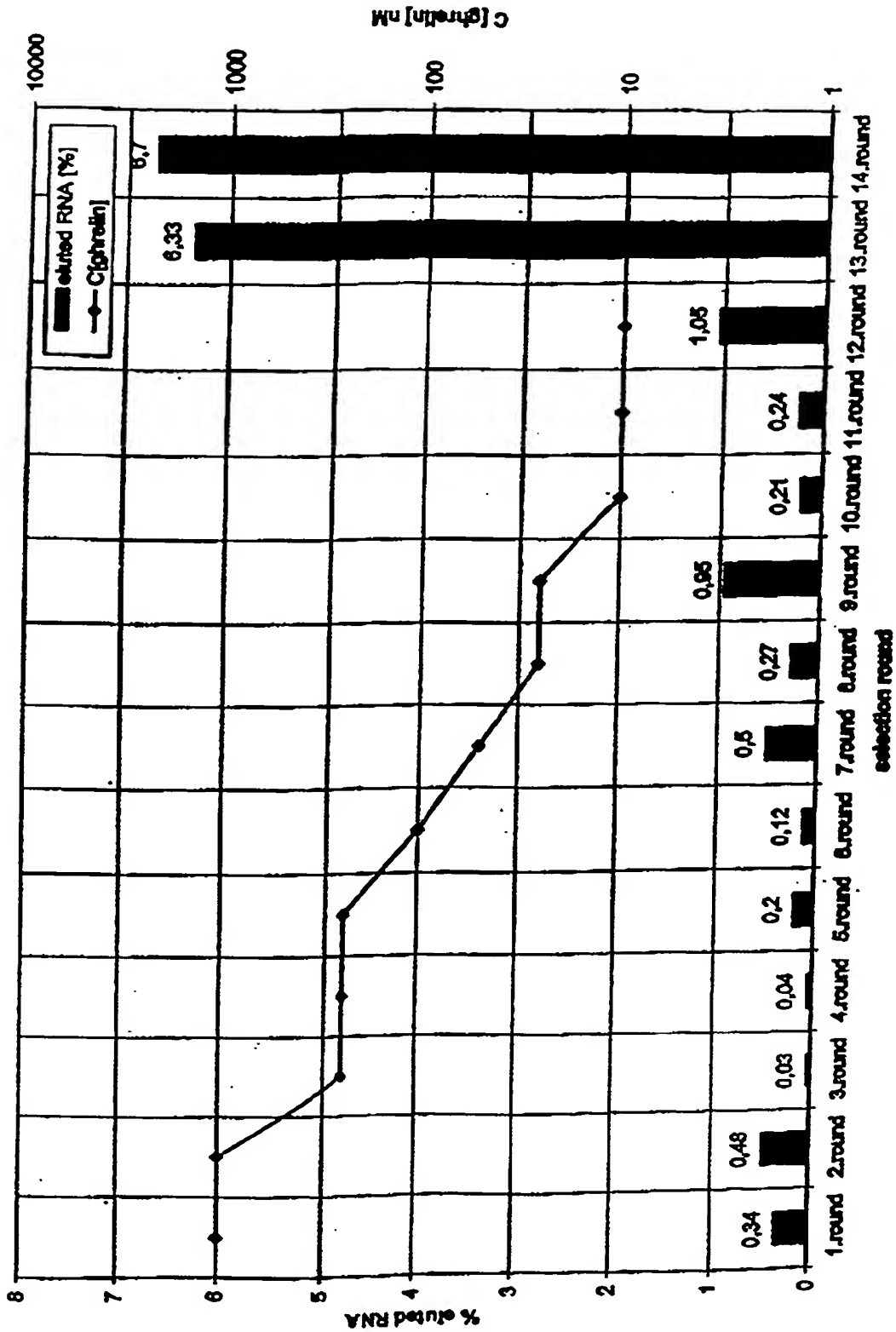


Fig. 5: Course of eluted RNA in percent of total used RNA and peptide concentration

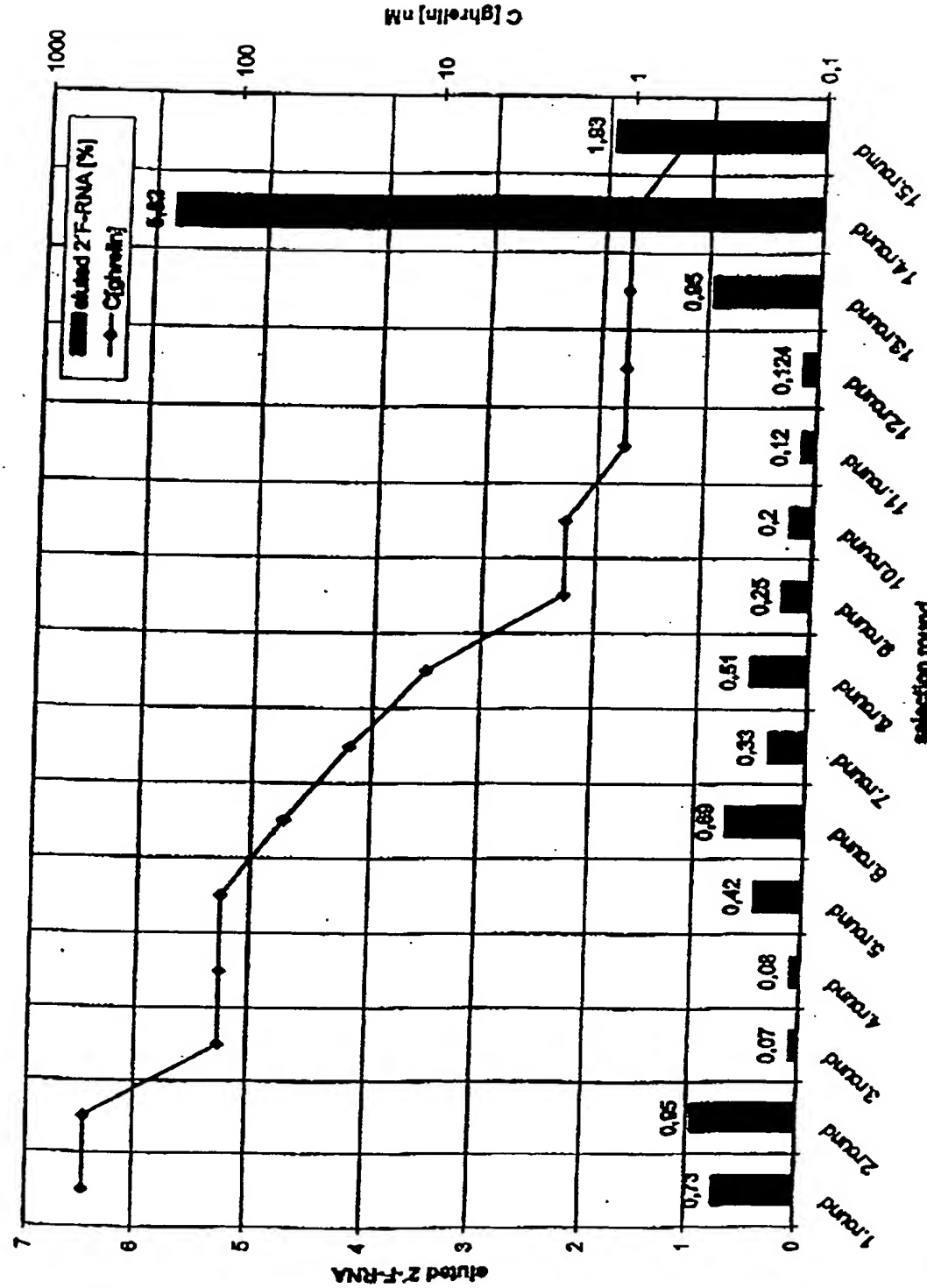


Fig.6: course of eluted 2'-F-RNA in percent of total used 2'F-RNA and peptide concentration

	test for binding	CR (1)	DR (1)	test for binding	SCR (2)	DR (2)	test for binding	CR (3)	DR (3)
round	12	12	12	13	13	13	14	14	14
C [ghrelin]									
3µM		31,6							
1µM	22,6			32,5	14,5		53,8		
300nM	4,98			15,6			35,7	25,3	
100nM	0,78			7,9			28,2		
30nM	0,15			3,1			9,9		
10nM	0,13		1,05	1,55		6,33*	3,5		6,7*

Fig.7A Tab.3: double rounds and binding assays performed from round 12 to 14 for the RNA selection; data in percent binding to D-ghrelin, * sequenced

Fig. 7A

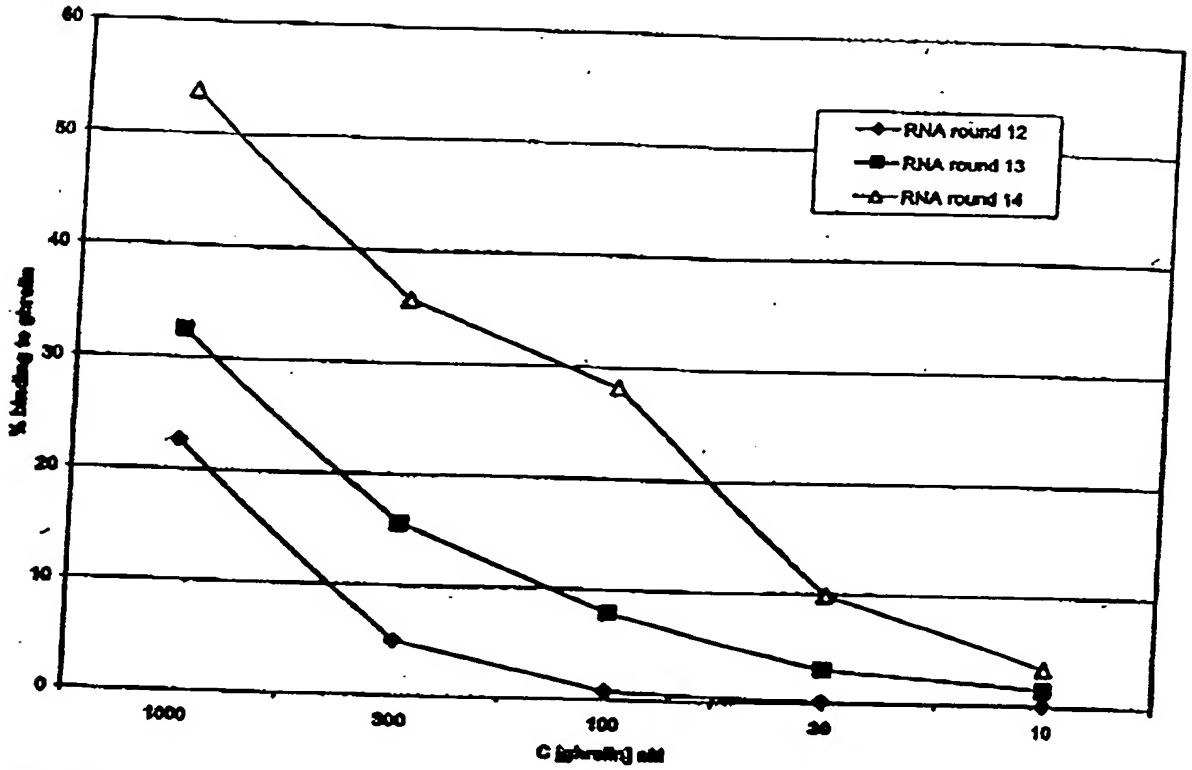


Fig.7B: Improvement of the RNA pool binding to D-ghrelin monitored over the double rounds

	test for binding	CR (1)	DR (1)	test for binding	CR(2)	DR (2)	test for binding	CR (3)	DR (3)
round	13	13	13	14	14	14	15	15	15
C [ghrelin]									
3µM	42,4	31,4							
1µM	28,8			45	28,7		32,7	19,6	
300nM	16,5			35,2			26,5		
100nM	8,49			29			18,1		
30nM	3,76			9,4			9,1		
10nM	0,72			3,9			1,7		
1nM			0,95			5,82*			5,75
500pM			0,43			0,75			1,93*

Fig.8A Tab4: double rounds and binding assays performed from round 13 to 15 for the 2´F-RNA selection; data in percent binding to D-ghrelin, * sequenced

Fig. 8A

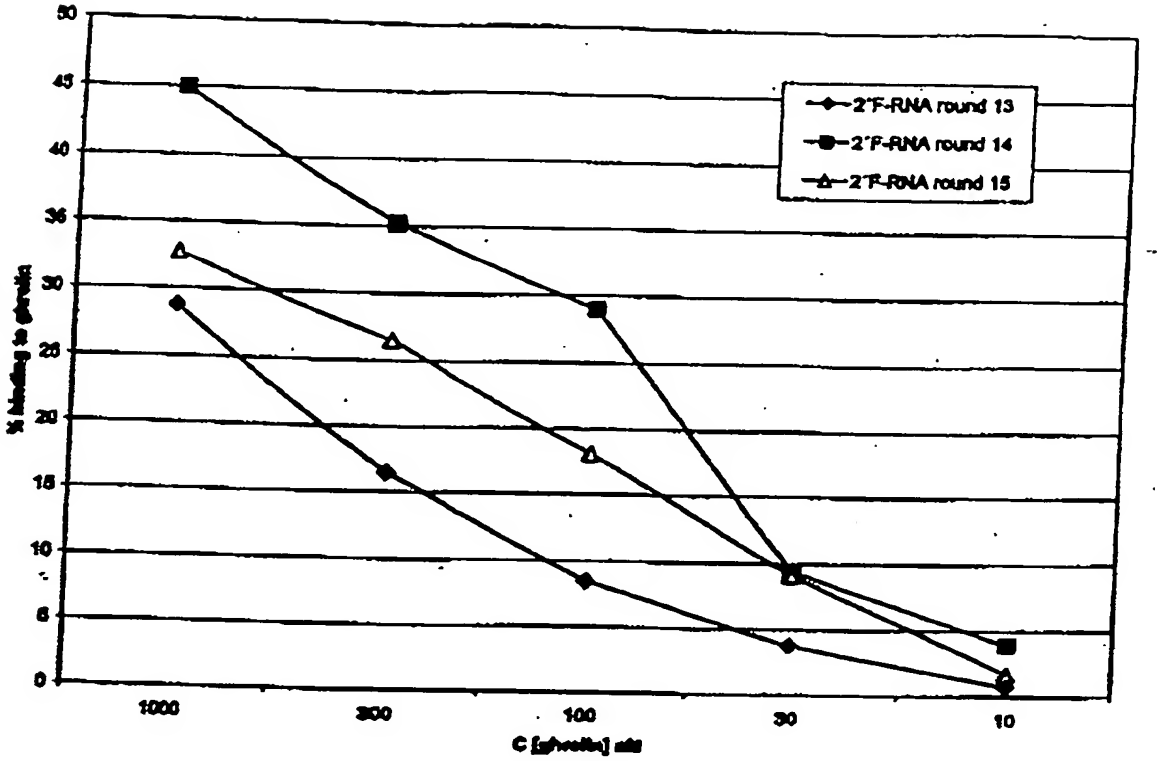


Fig.8B: Improvement of the 2'F-RNA pool binding to D-ghrelin monitored over the double rounds

Automated *in vitro*-Selection against Rat D-Ghrelin

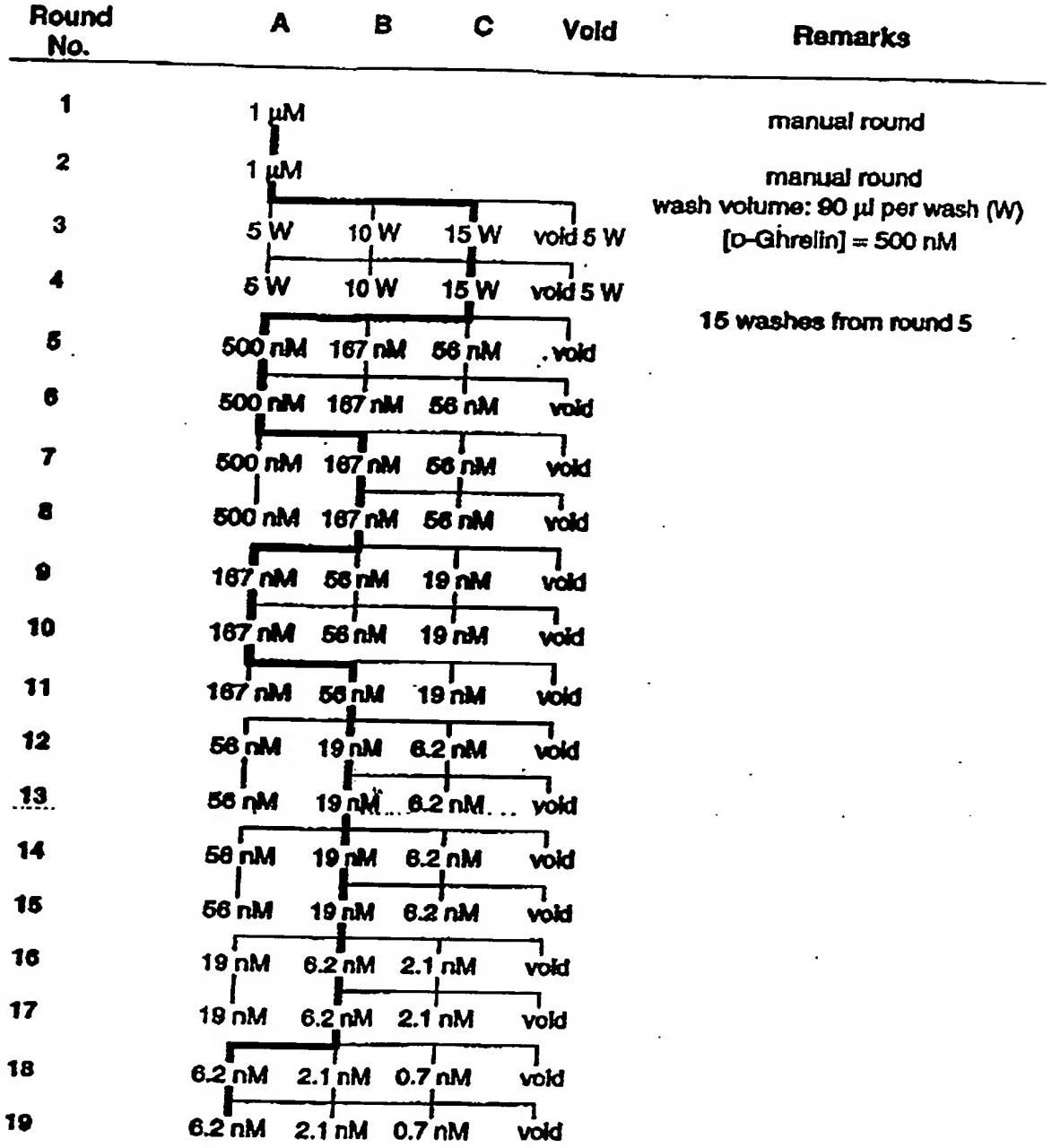


Fig. 9

Worksurface of the Robot for Automated *in vitro*-Selection of RNA

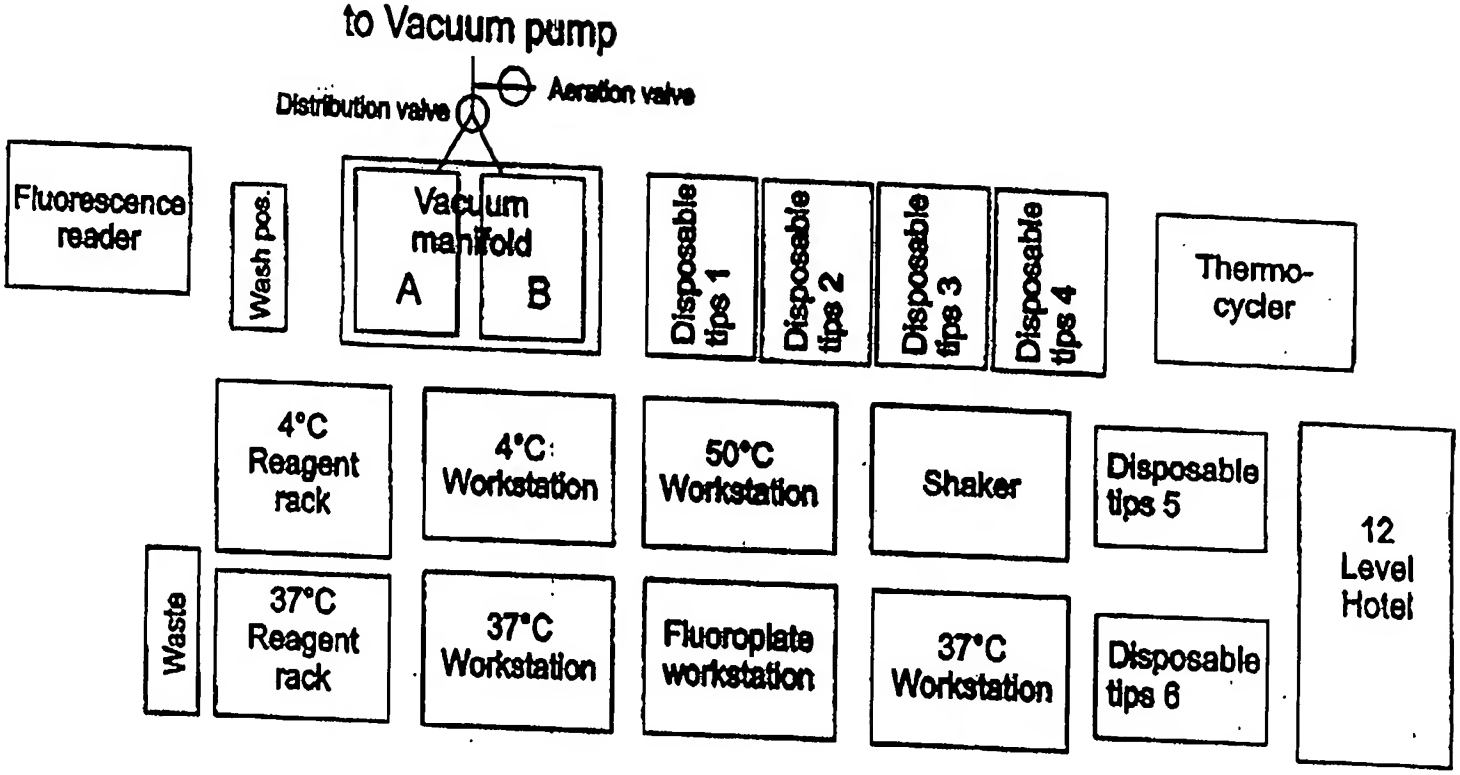


Fig. 10

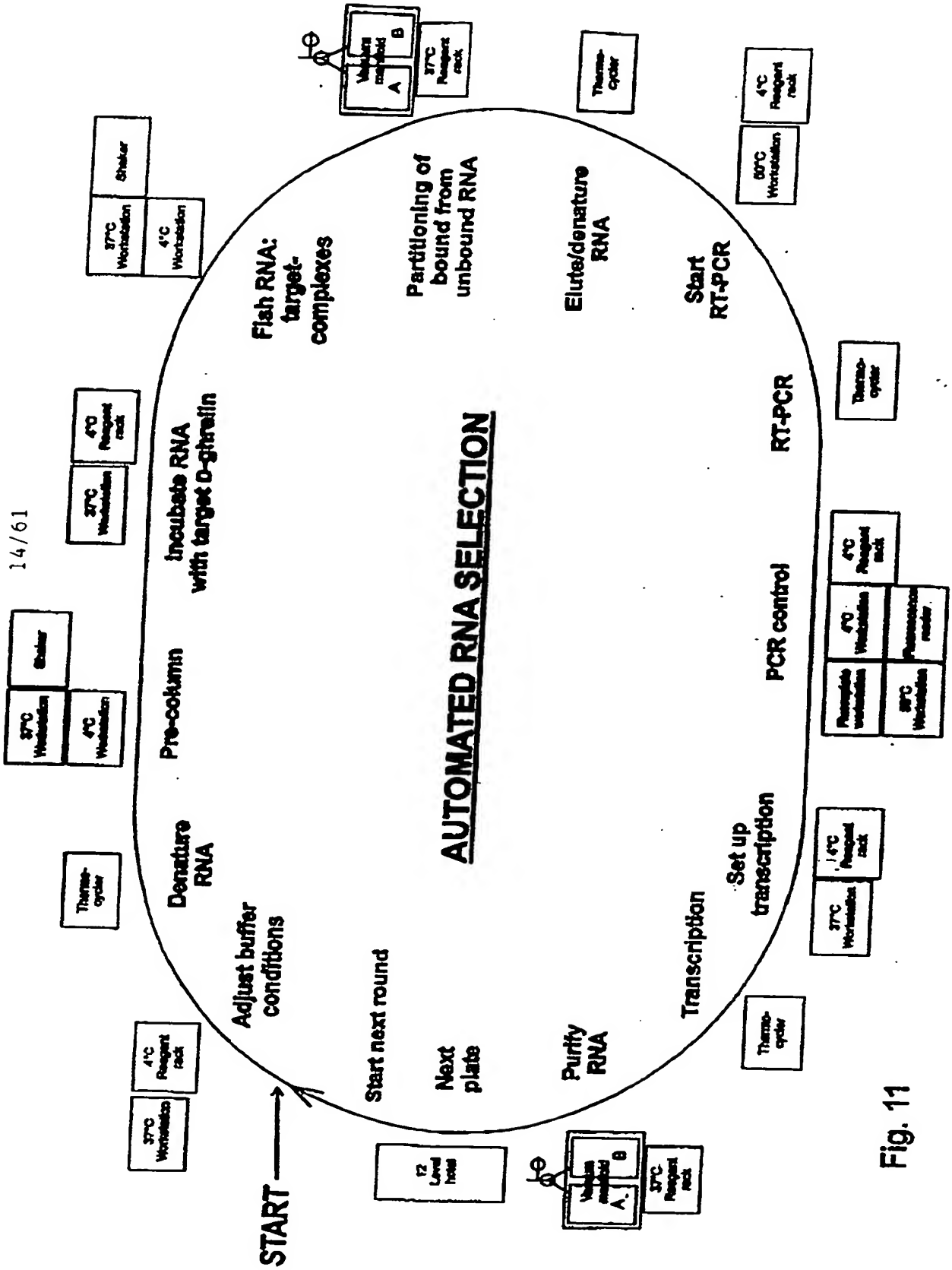


Fig. 11

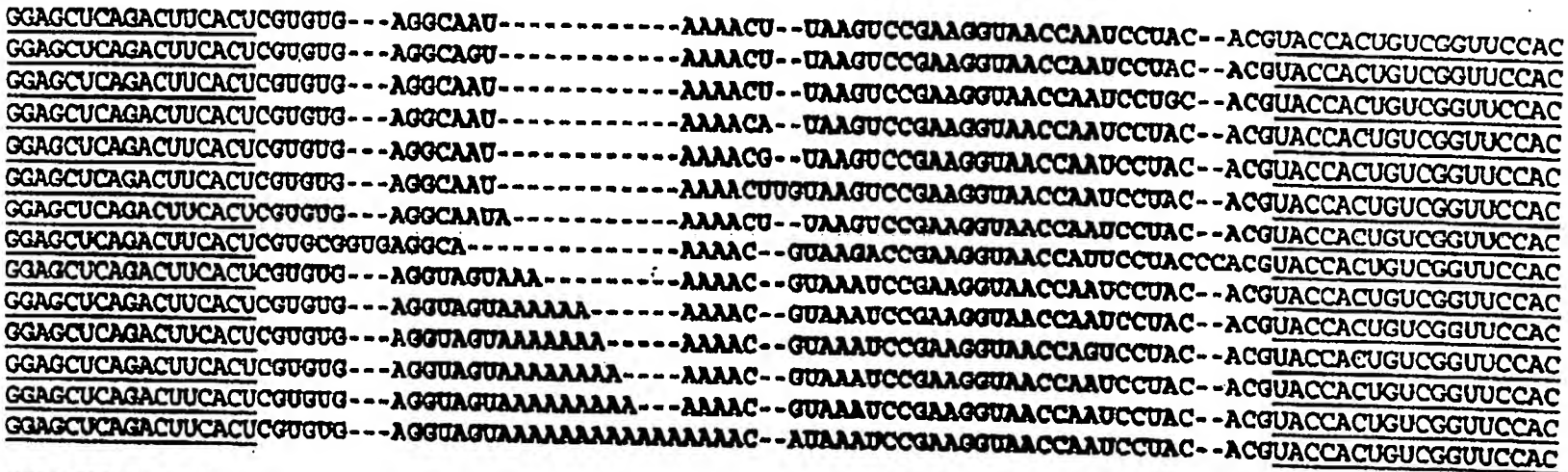
Table 5

Position in Fig. 13	Identifier	Total Occurrence	Occurrence Round 17	Occurrence Round 19
1	B11	65	35	30
7	E3	5		5
13	F12	2	1	1
4	B7	2		2
5	A8	2		2
9	C11	2		2
10	A3	2	2	
15	G5	1	1	
11	F5	1	1	
2	G2	1	1	
6	B12	1		1
12	A12	1		1
3	E12	1		1
8	C12	1		1

Fig. 12

Sequences of the (+) strand

complete forms:



GGAGCUCAGACUUCACUCG
DE.40F-Primer

CGUACCACUGUCGGUUCCAC
DE.40R-Primer (rev. und compl.)

Primer moieties underlined and in bold

Fig. 13-1

core forms:

CGUGUGAGGCAAUAAAACUUAAGUCCGAAGGUAACCAAUCCUACACG	B11
CGUGUGAGGCAGUAAAACUUAAGUCCGAAGGUAACCAAUCCUACACG	G2
CGUGUGAGGCAAUAAAACUUAAGUCCGAAGGUAACCAAUCCUGCACG	E12
CGUGUGAGGCAAUAAAACAUAAGUCCGAAGGUAACCAAUCCUACACG	B7
CGUGUGAGGCAAUAAAACGUAAGUCCGAAGGUAACCAAUCCUACACG	A8
CGUGUGAGGCAAUAAAACUUGUAAGUCCGAAGGUAACCAAUCCUACACG	B12
CGUGUGAGGCAAUAAAAACUUAAGUCCGAAGGUAACCAAUCCUACACG	E3
CGUGCGGUGAGGCAAAAACGUAAGACCGAAGGUAACCAUUCCUACCCACG	C12
CGUGUGAGGUAGUAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG	C11
CGUGUGAGGUAGUAAAAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG	A3
CGUGUGAGGUAGUAAAAAAAAAAAACGUAAAUCCGAAGGUAACCAGUCCUACACG	F5
CGUGUGAGGUAGUAAAAAAAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG	A12
CGUGUGAGGUAGUAAAAAAAAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG	F12
CGUGUGAGGUAGUAAAAAAAAAAAAAAACAUAAAUCCGAAGGUAACCAAUCCUACACG	G5

Fig. 13 -2

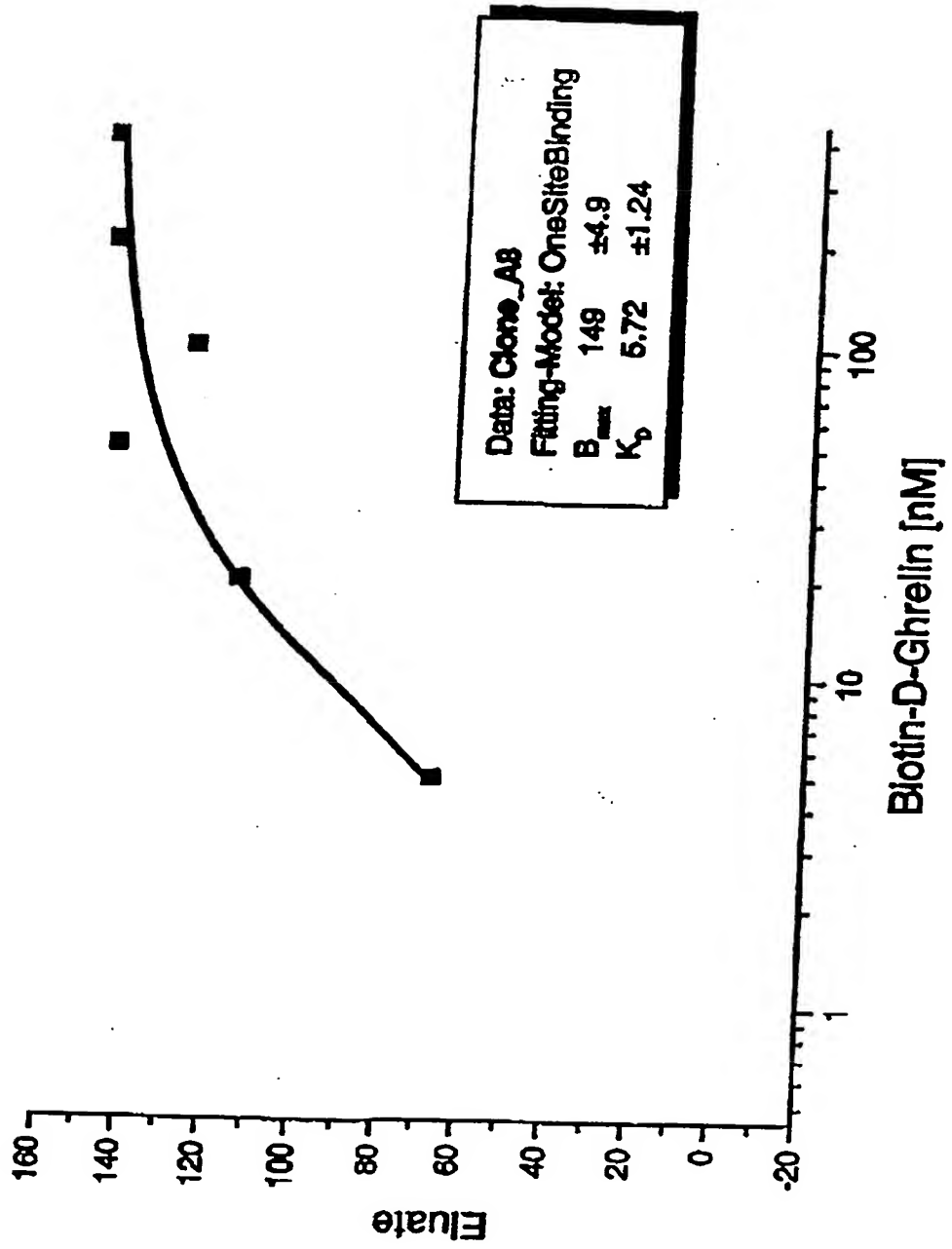


Fig. 14 A

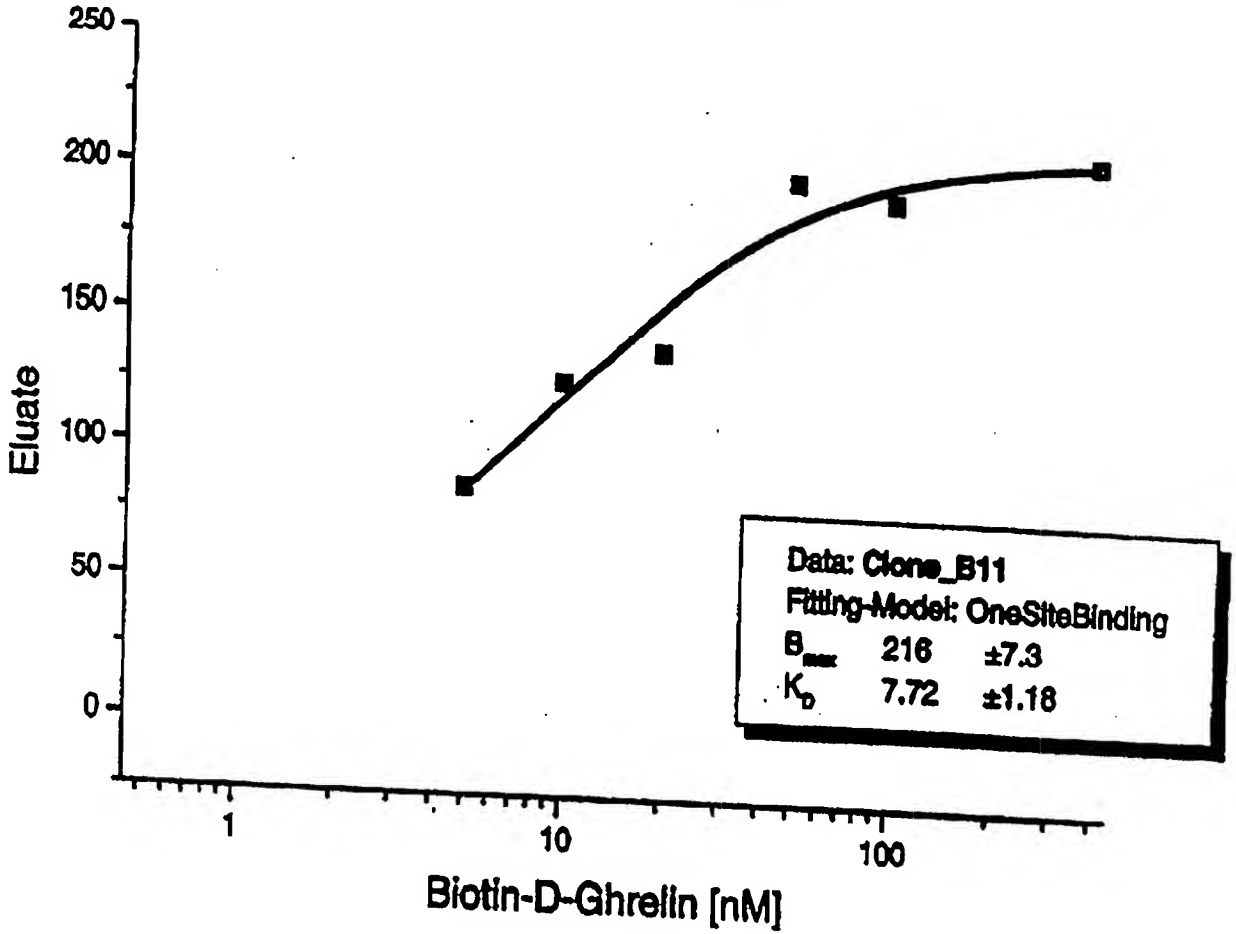


Fig. 14 B

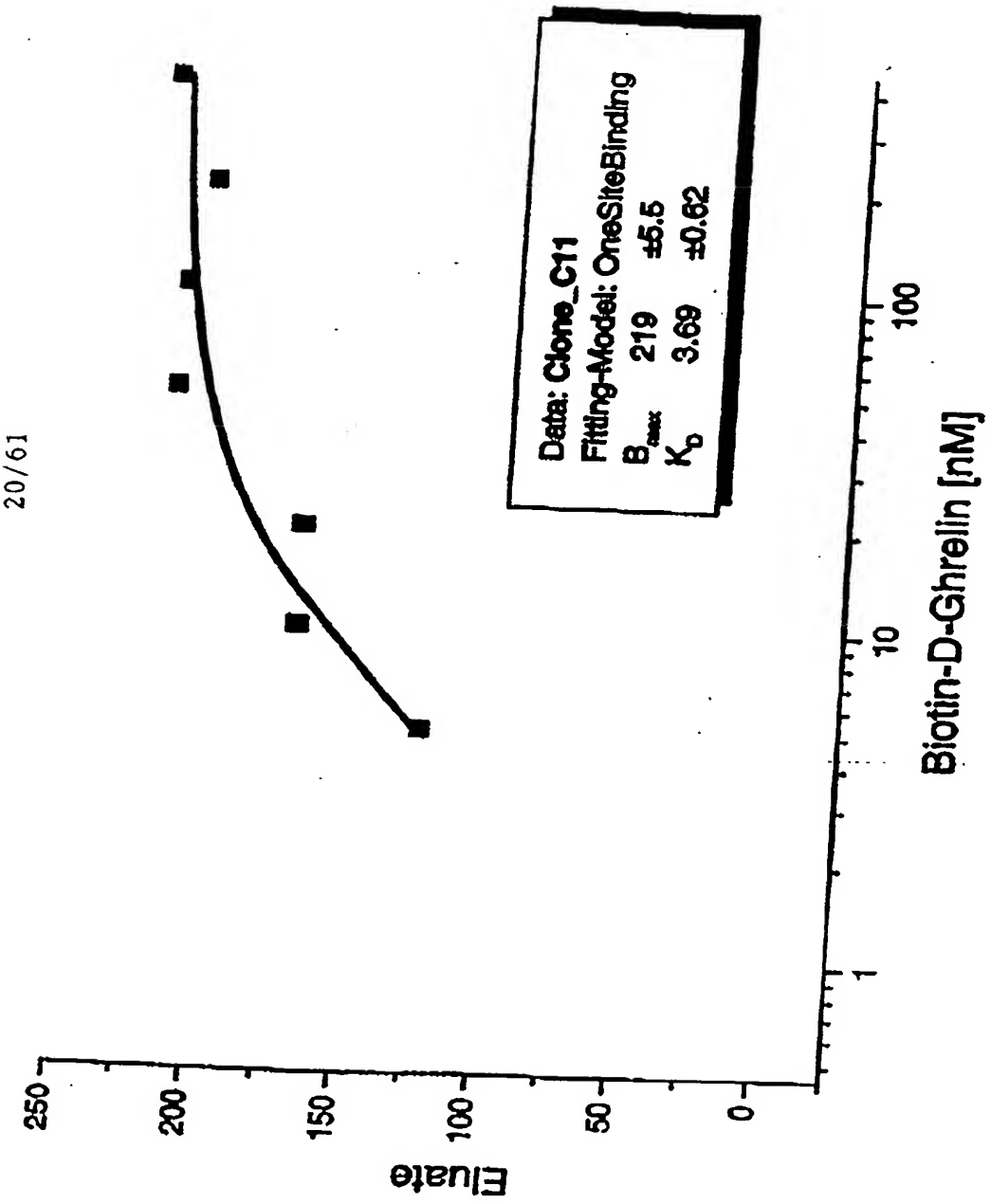


Fig. 14 C

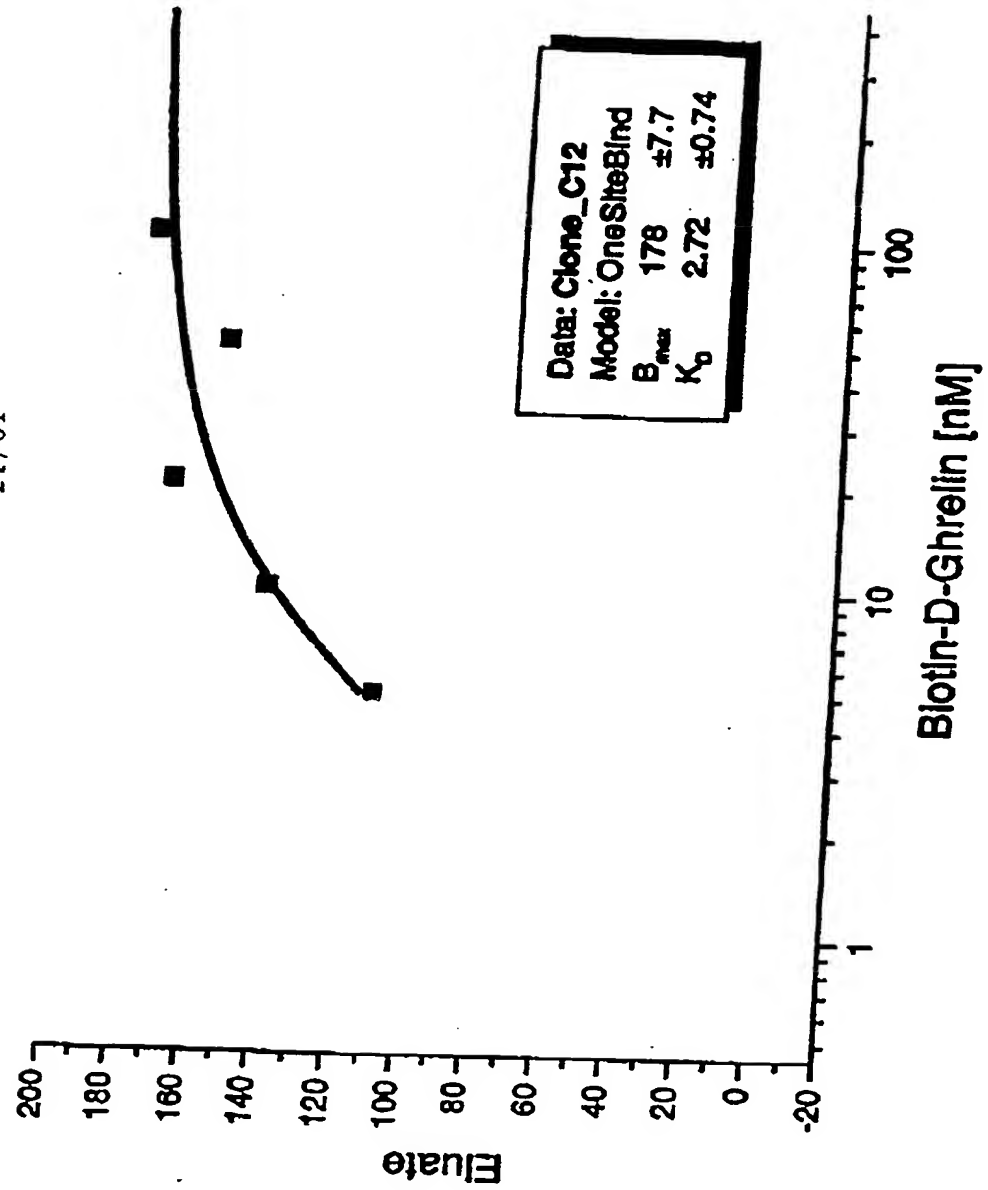


Fig. 14 D

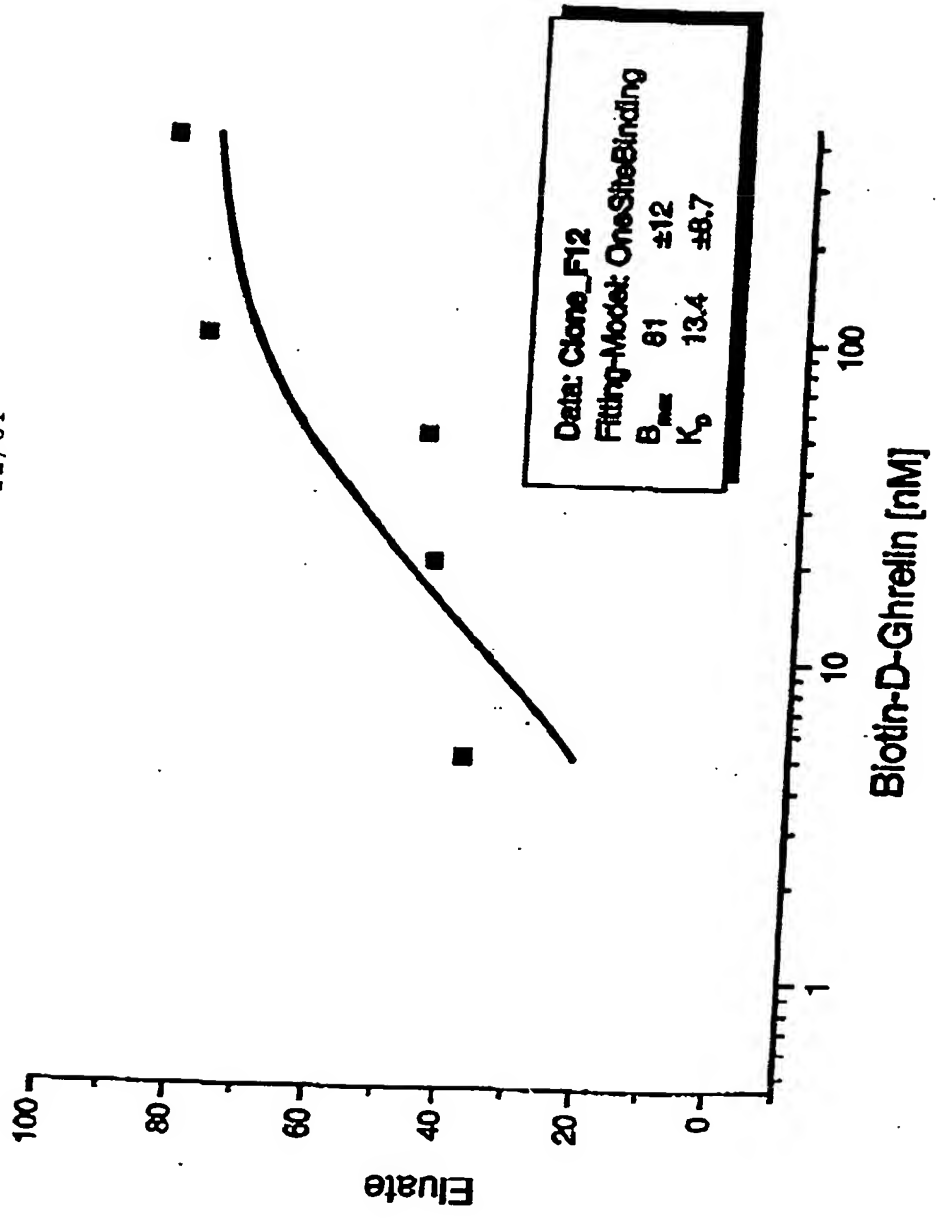


Fig. 14 E

Table 6

Clone B11

[D-Ghrelin] in nM	% RNA bound
0	0
3	2
10	8
30	35
100	62
300	76
1000	75
3000	83

Clone F12

[D-Ghrelin] in nM	% RNA bound
0	0
3	3
10	10
30	29
100	48
300	64
1000	91
3000	88

Clone E3

[D-Ghrelin] in nM	% RNA bound
0	0
3	1
10	5
30	20
100	54
300	65
1000	89
3000	85

Fig. 15

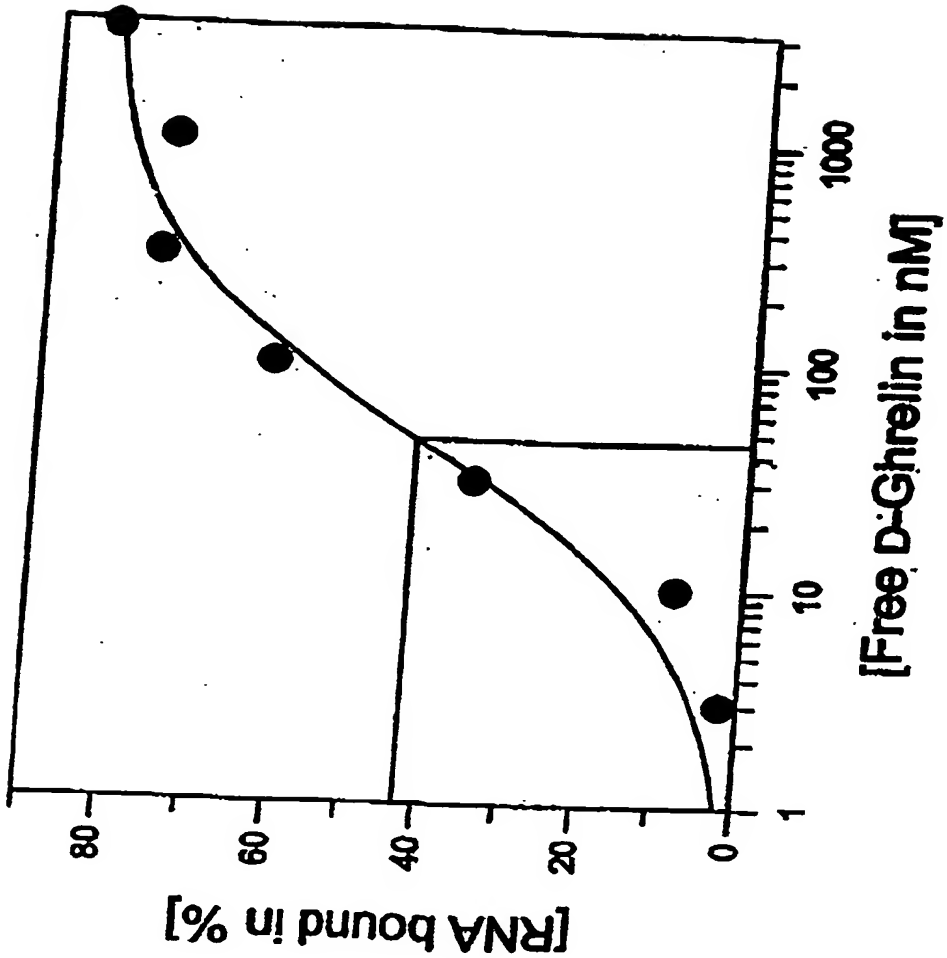


Fig. 16A

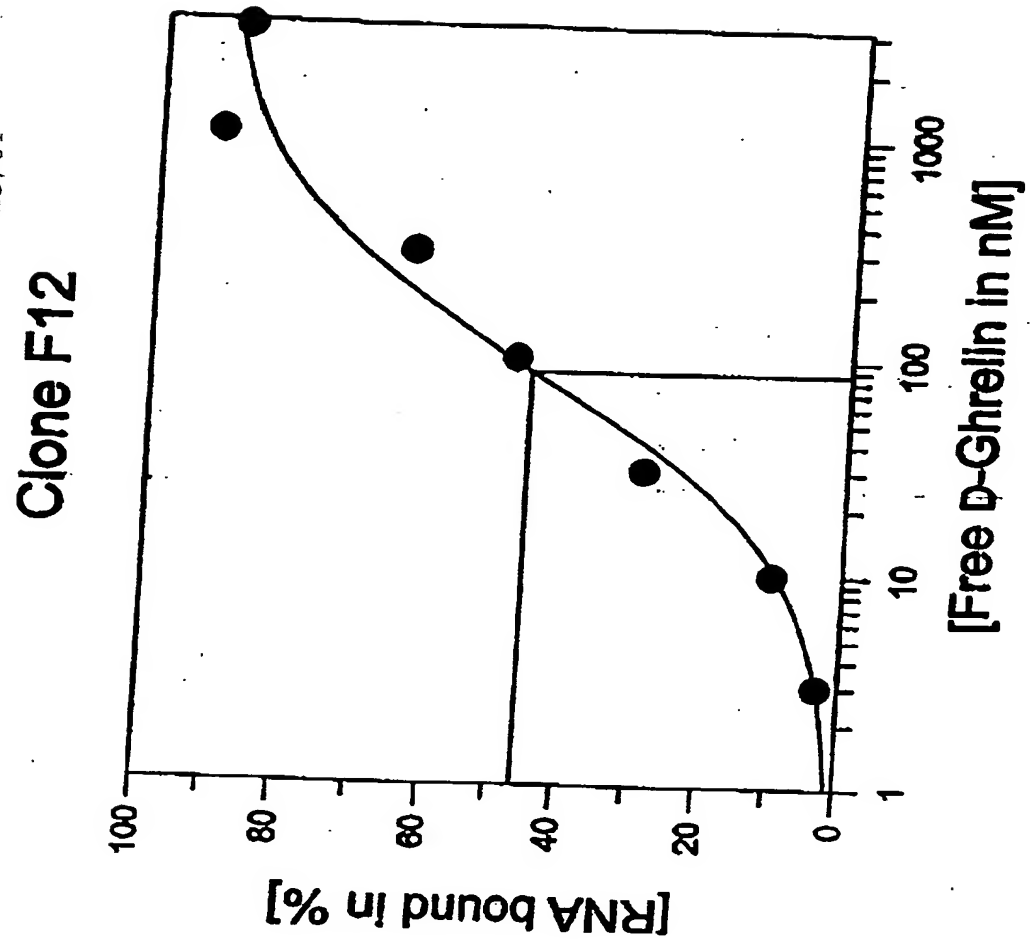


Fig. 16 B

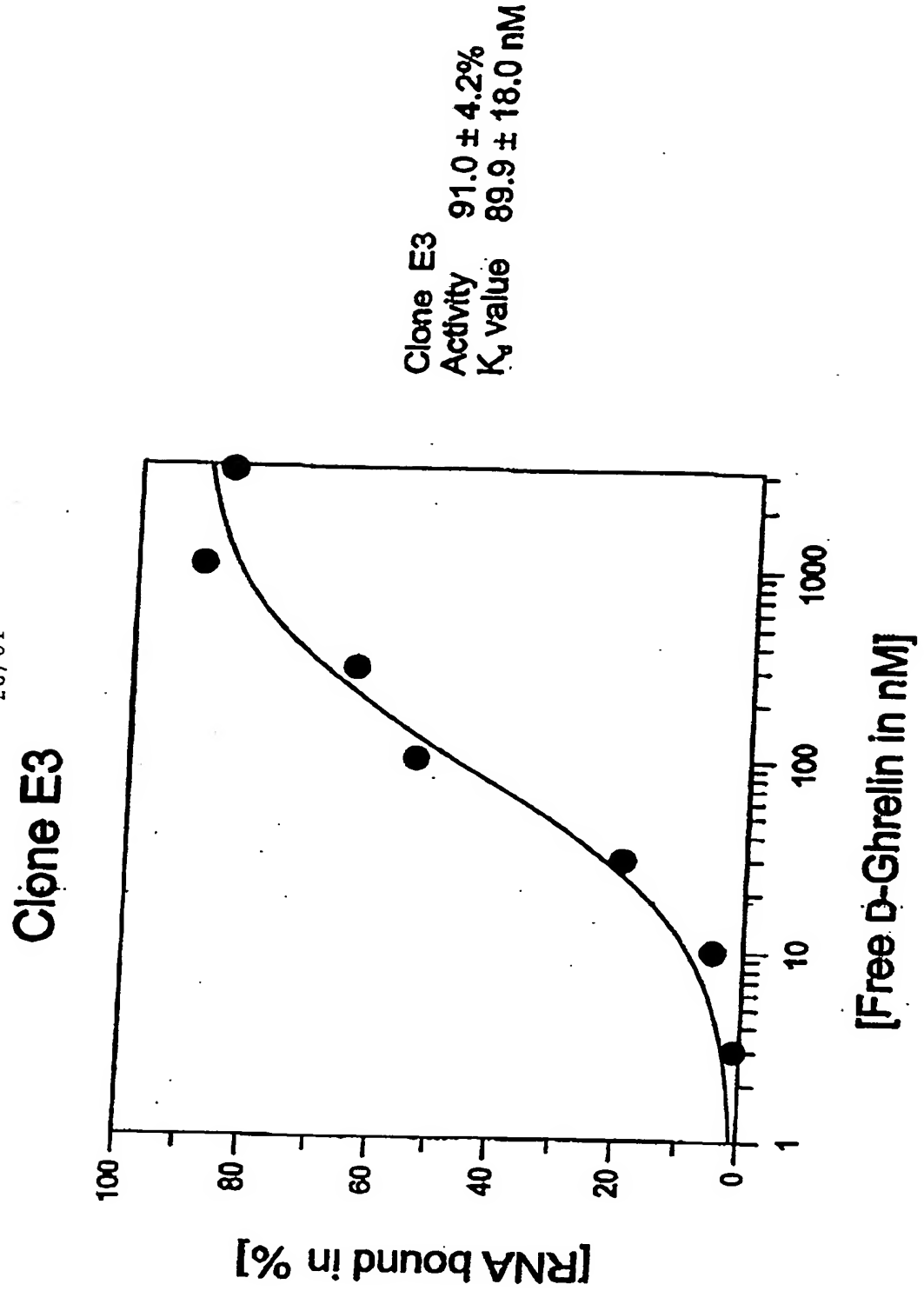


Fig. 16 C

Table 7

Clone	K_D [nM]
A3	203
A8	98
A12	237
B7	139
B11	205
B12	135
C11	135
C12	17
E3	227
E12	171
F5	142
F12	111
G2	207
G5	164

Fig. 17

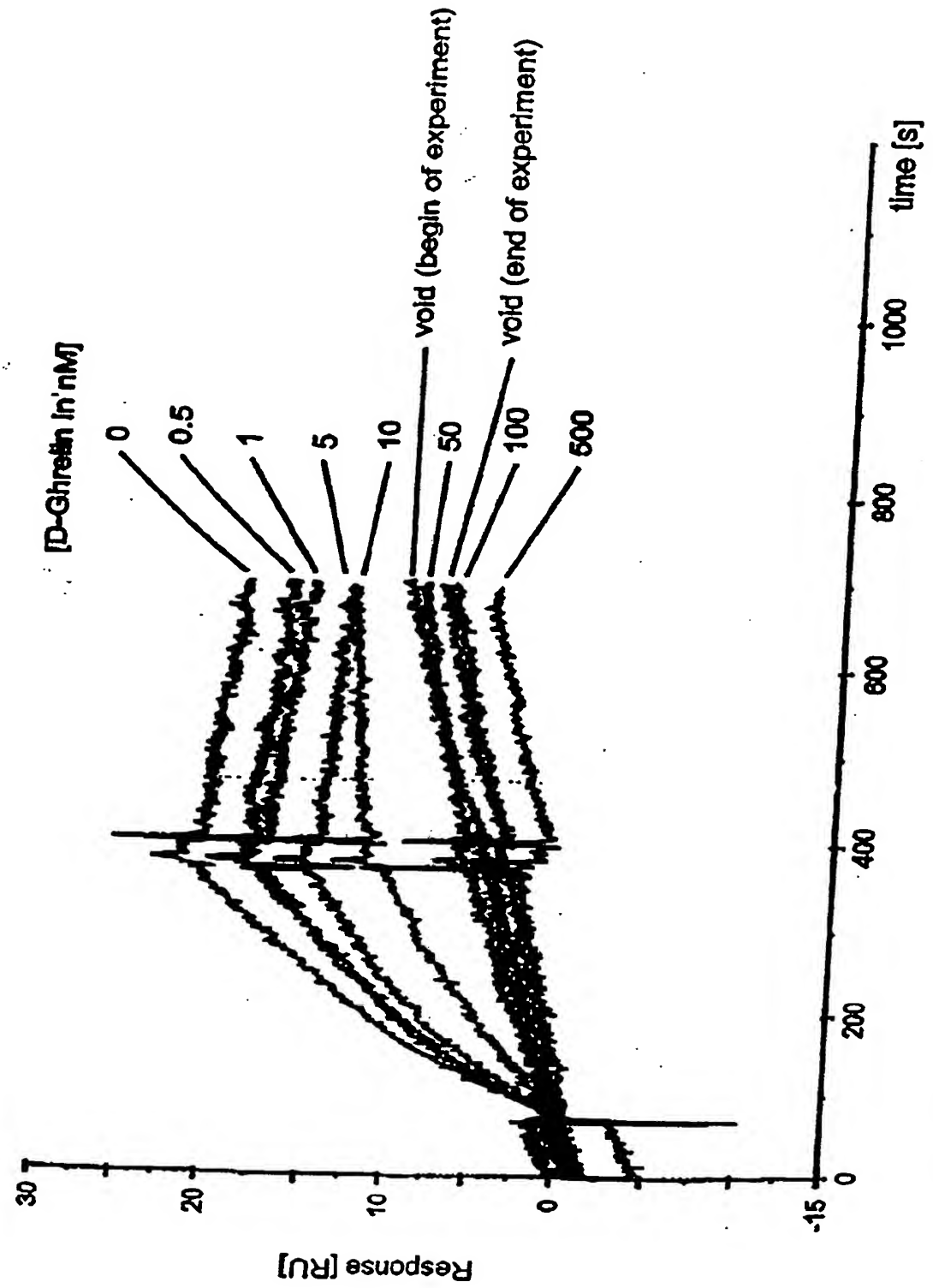
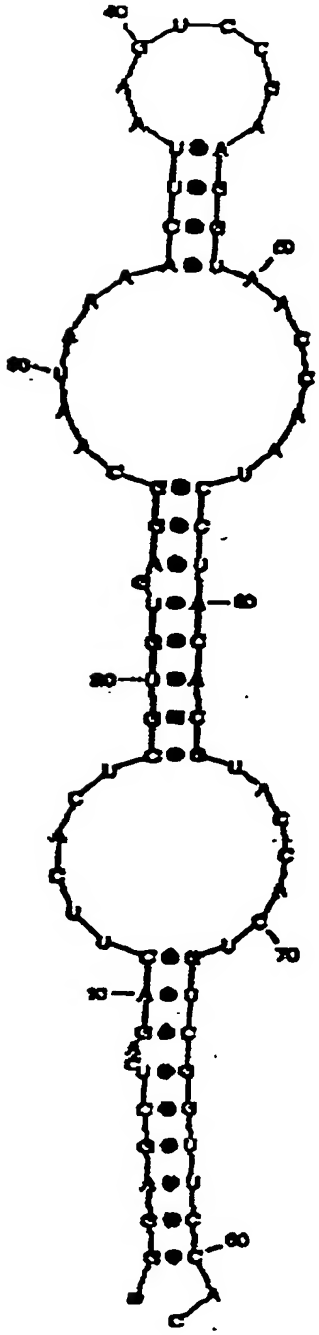


Fig. 18

Clone B11



Clone B11trc

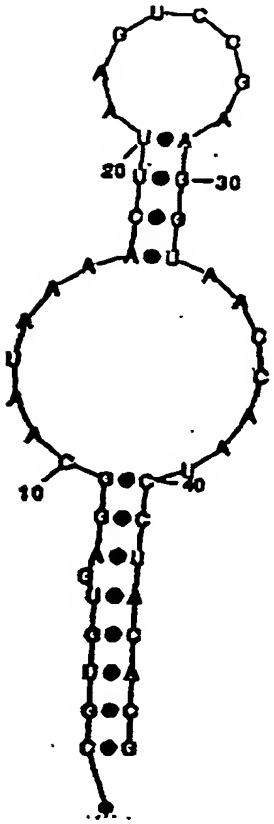


Fig. 19

Table 8

Clone	K_D [nM]
D-B11	205
L-B11 trunc.	104
D-B11 trunc.	122

Fig. 20

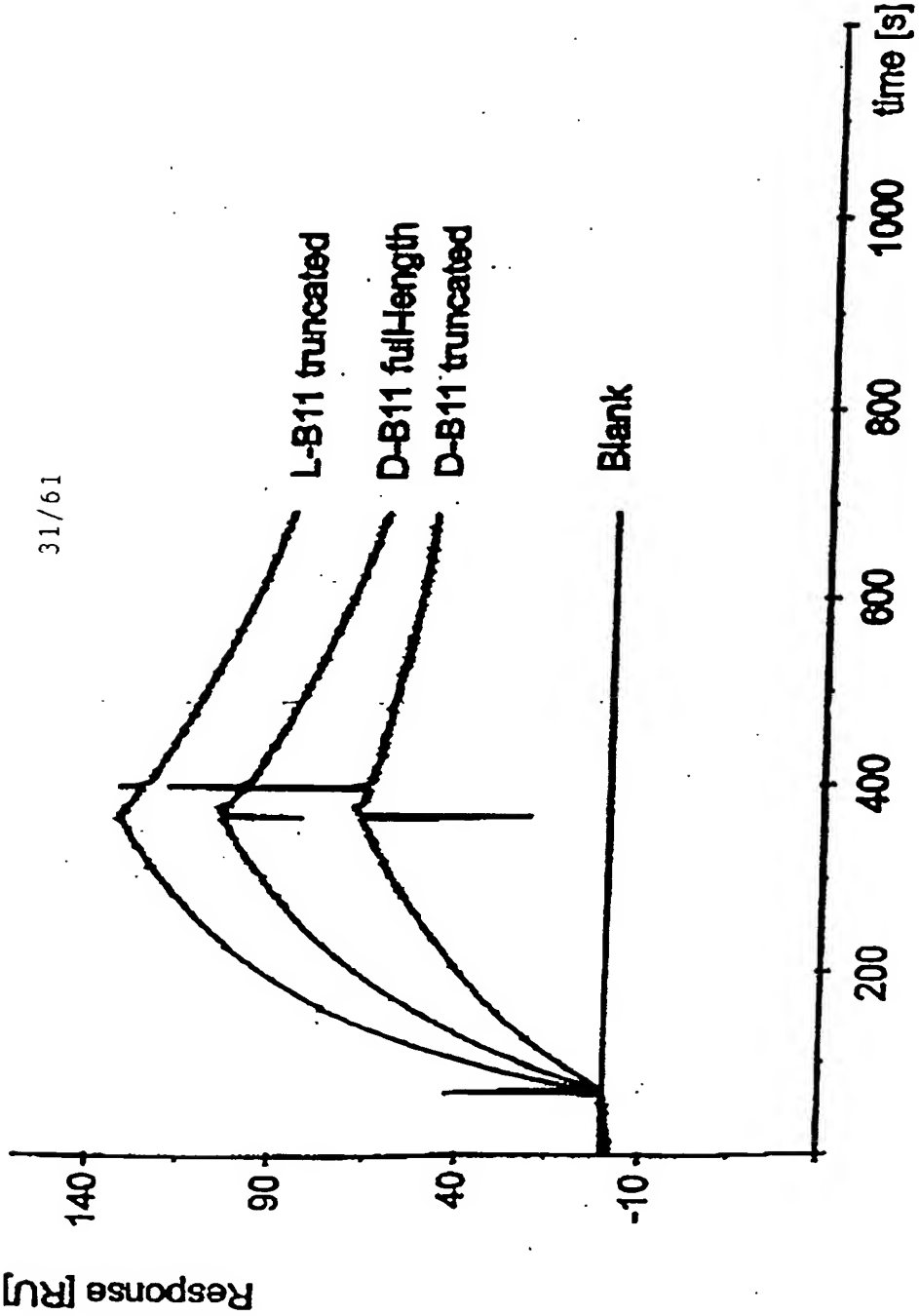


Fig. 21

Sequences derived from the RNA selection (round 13)

RNA round 13

group1

1.1 main clone

'SOT-R04-DR13-E5 GGAGCTCAGACTTCACTCGTGCGGTGAGGCAGACG-TAAGACGGAAGGTAACCATTCCTACCCACGTACCACTGTCGGTTCCAC

group2

2.1 main clone

'SOT-R04-DR13-A2 GGAGCTCAGACTTCACTCGTGCGGTGAGGCTAACG-TAAGACGGAAGGTAACCATTCCTACCCACGTACCACTGTCGGTTCCAC

variations of 2.1

'SOT-R04-DR13-C4 GGAGCTCAGACTTCACTCGTGTGGTGAGGCTAACG-TAAGACGGAAGGTAACCATTCCTACCCACGTACCACTGTCGGTTCCAC

group3

3.1 main clone

'SOT-R04-DR13-C1 GGAGCTCAGACTTCACTCGTGTGAGGTAATAAAAC-TAAATCGGAAGGTAACCAATCCTAC--ACGTACCACTGTCGGTTCCAC

group4

4.1 main clone

'SOT-R04-DR13-G2 GGAGCTCAGACTTCACTCGTGCGTACCGTATATAAAGGAGTCCTGCAGACTGATGCCAGGCCACGTACCACTGTCGGTTCCAC

Fig. 22

Sequences derived from the RNA selection (round 14)

RNA round 14

group1

1.1 (main clone)

'SOT-R04-DR14-F7 GGAGCTCAGACTTCACTCGTGCGGTGAGGCAGA--CGTAAGACCGAAGGTAACCATTCCTACCACGTACCACTGTCGGTTCCAC

variations of clone 1.1

1.2

'SOT-R04-DR14-C11 GGAGCTCAGACTTCACTCGTGCGGTGAGGCAAA--CGTAAGACCGAAGGTAACCATTCCTACCACGTACCACTGTCGGTTCCAC

1.3

'SOT-R04-DR14-A8 GGAGCTCAGACTTCACTCGTGCGGTGAGGCTAA--CGTAAGACCGAAGGTAACCATTCCTACCACGTACCACTGTCGGTTCCAC

1.4

'SOT-R04-DR14-C12 GGAGCTCAGACTTCACTCGTGCGGTGAGGCAAAAACGTAAGACCGAAGGTAACCATTCCTACCACGTACCACTGTCGGTTCCAC

group3

3.1 (main clone)

'SOT-R04-DR14-C7 GGAGCTCAGACTTCACTCGTGTGAGGTAATAAAAC---TAAATCCGAAGGTAACCAATCCTAACGTACCACTGTCGGTTCCAC

variations of clone 3.1

1.2

'SOT-R04-DR14-E11 GGAGCTCAGACTTCACTCGTGTGAGGCAGTAAAACTT--AAGTCCGAAGGTAACCAATCCTAACGTACCACTGTCGGTTCCAC

1.3

'SOT-R04-DR14-H11 GGAGCTCAGACTTCACTCGTGTGAGGCAATTAAACTTG-AAGTCCGAAGGTAACCAATCCTAACGTACCACTGTCGGTTCCAC

1.4

'SOT-R04-DR14-E8 GGAGCTCAGACTTCACTCGTGTGAGGCGATAAAACTTGTAAGTCCGAAGGTAACCAATCCTAACGTACCACTGTCGGTTCCAC

Fig. 23

Sequences derived from the 2´F-RNA selection (round 14)

2´-F-RNA round 14, group1

1.1 (main clone)

'SOT-P03-DR14-G6 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCT-CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

mutations of clone 1.1

1.2

'SOT-P03-DR14-F2 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTCT--CATAGGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.3

'SOT-P03-DR14-F4. GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTCT---ATAGGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.4

'SOT-P03-DR14-D5 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCTC-CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.6

'SOT-P03-DR14-G3 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCTC-CAAACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.7

'SOT-P03-DR14-B5 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTT-CTC-CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.8

'SOT-P03-DR14-C2 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTCTC-CATAGGTCGC--CACCACGTACCACTGTCGGTTCCAC

1.9

'SOT-P03-DR14-F3 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCTT-CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.10

'SOT-P03-DR14-B6 GGAGCTCAGACTTCACTCGTGGAATAGGAATGATTCAGACGTTTC---CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.11

'SOT-P03-DR14-H1 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTC----ATAGGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.12

'SOT-P03-DR14-F6 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTT----CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.13

'SOT-P03-DR14-B1 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGT--C---CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.14

'SOT-P03-DR14-C1 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTTCTCCATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

1.15

'SOT-P03-DR14-H5 GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTTTC-CATACGTCGCCGCACCACGTACCACTGTCGGTTCCAC

Fig. 24 - 1

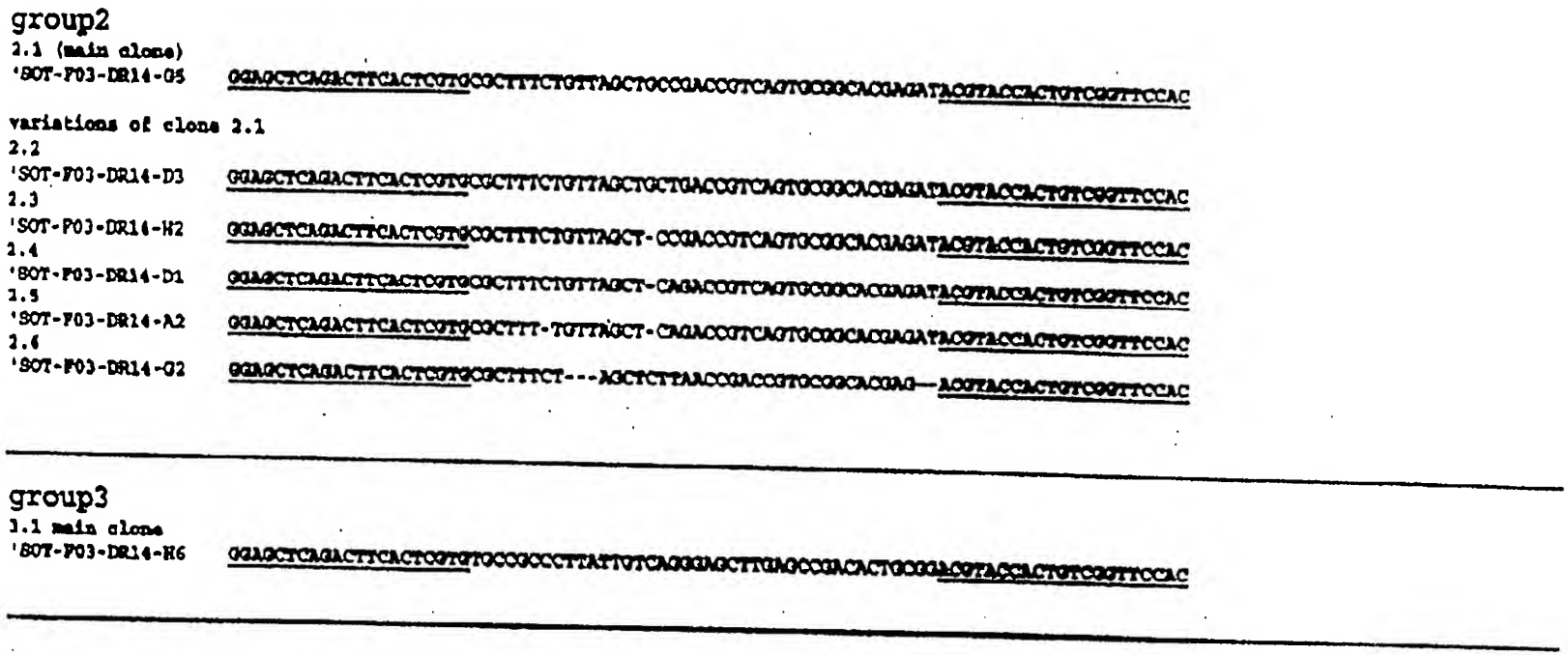


Fig. 24-2:

Sequences derived from the 2'F-RNA selection (round 15)

2'-F-RNA round 15, group1

1.1 (main clone)	
'SOT-F03-DR15-G10	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCT-CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.2	
'SOT-F03-DR15-G7	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCT-CAAACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.3	
'SOT-F03-DR15-F10	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTC--CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.4	
'SOT-F03-DR15-D9	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTC-----ATGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.5	
'SOT-F03-DR15-F12	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTT---CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
'SOT-F03-DR15-G12	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTT---CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.6	
'SOT-F03-DR15-H7	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGT--C--CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.7	
'SOT-F03-DR15-A11	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTC--CATAGGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.8	
'SOT-F03-DR15-A8	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTCT-CATAGGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.9	
'SOT-F03-DR15-F8	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACGTTTCTCCATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.10	
'SOT-F03-DR15-C9	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGGCCTTTCTTCATAGGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.11	
'SOT-F03-DR15-C12	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACCCAGACGTTTT--CATACGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.12	
'SOT-F03-DR15-F7	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTTT-CATAGGT-CGCCGCACCACGTACCACTGTCGGTTCCAC
1.13	
'SOT-F03-DR15-A12	GGAGCTCAGACTTCACTCGTGGAATAGGAATGACTCAGACCTTTTT-CATAGGT-CGCCGCACCACGTACCACTGTCGGTTCCAC

group2

2.1	
'SOT-F03-DR15-C7	GGAGCTCAGACTTCACTCGTGCGCTTTCTGTTAGCTGCCGACCGTCAGTGCGGCACGAGATCACGTACCACTGTCGGTTCCAC

Fig. 25

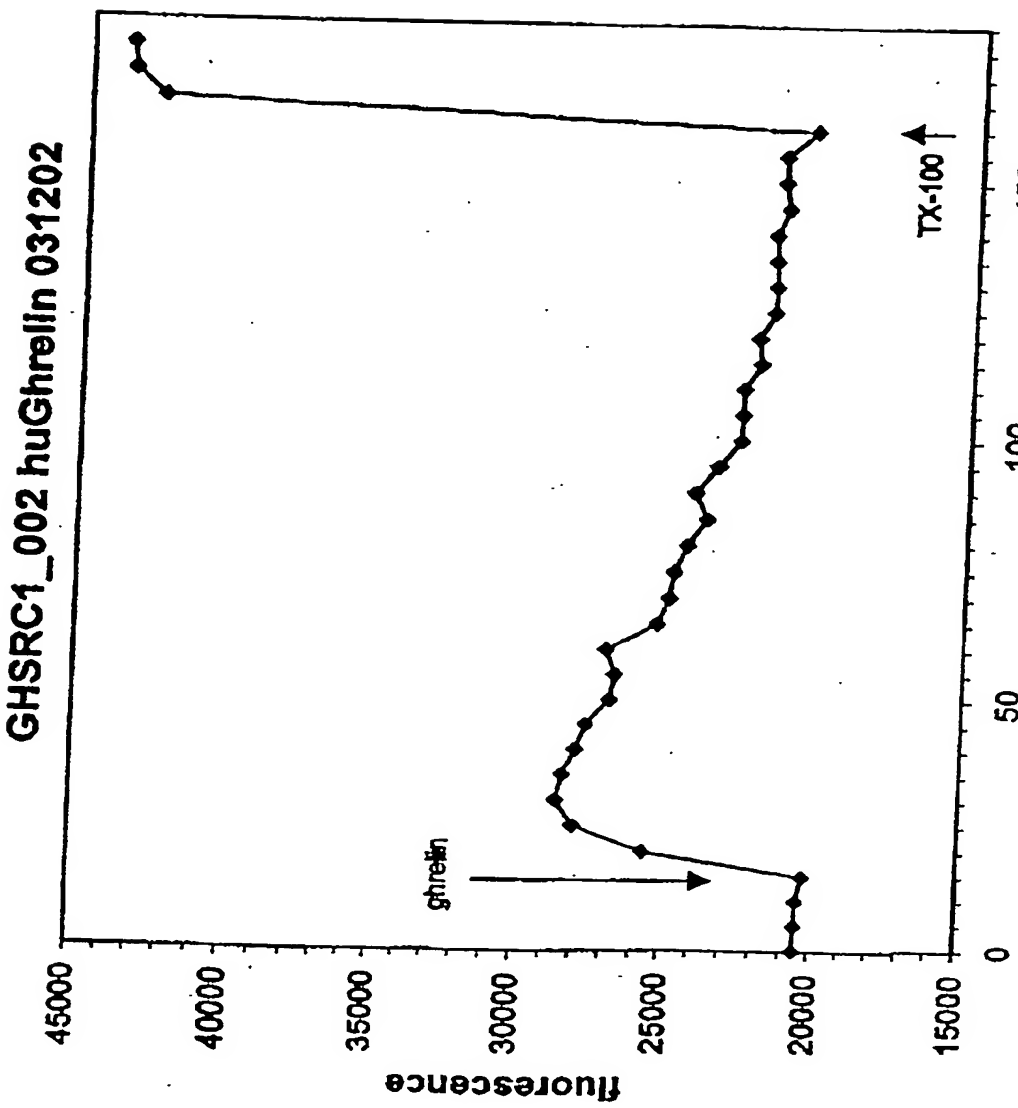


Fig. 26

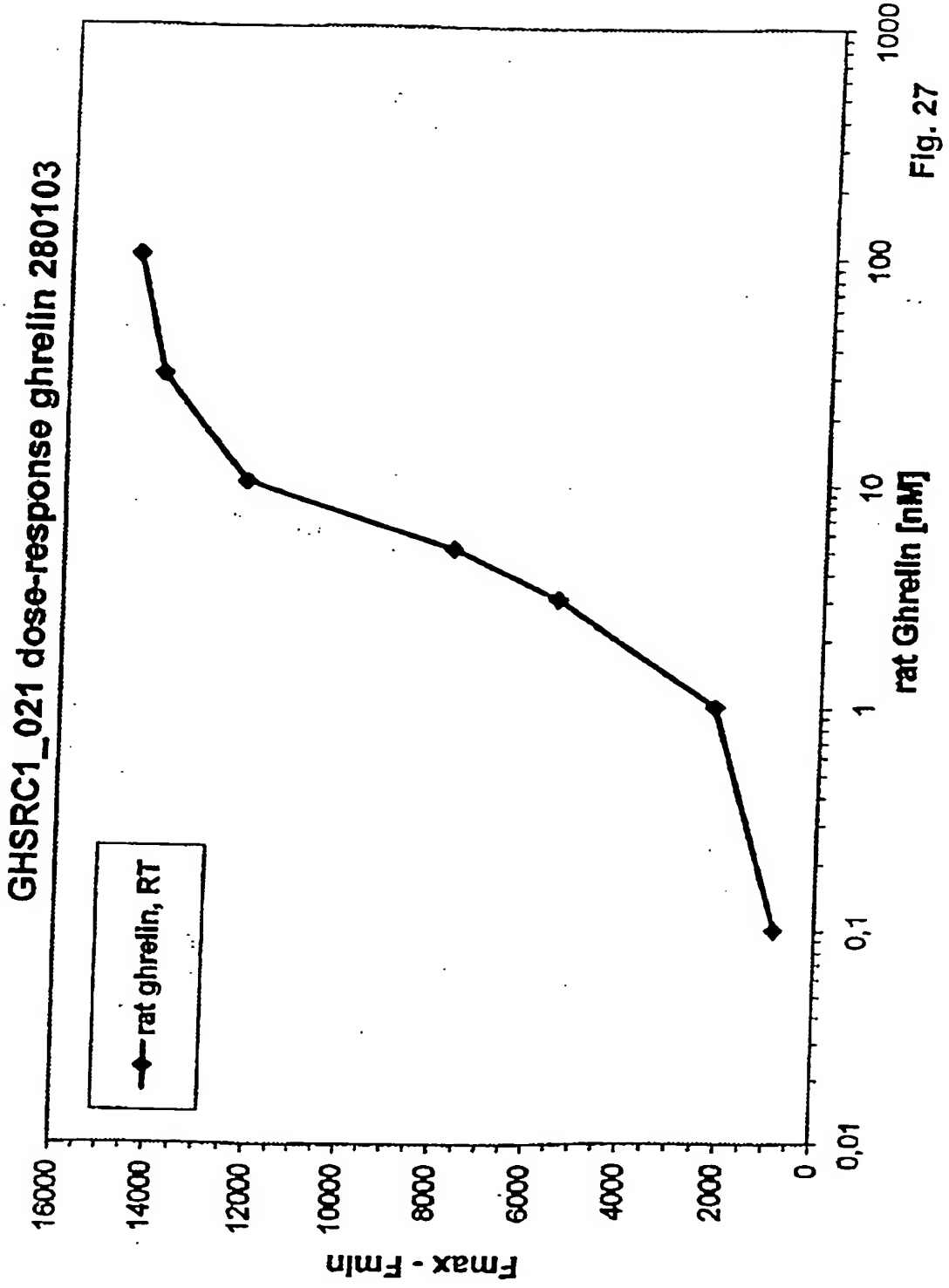


Fig. 27

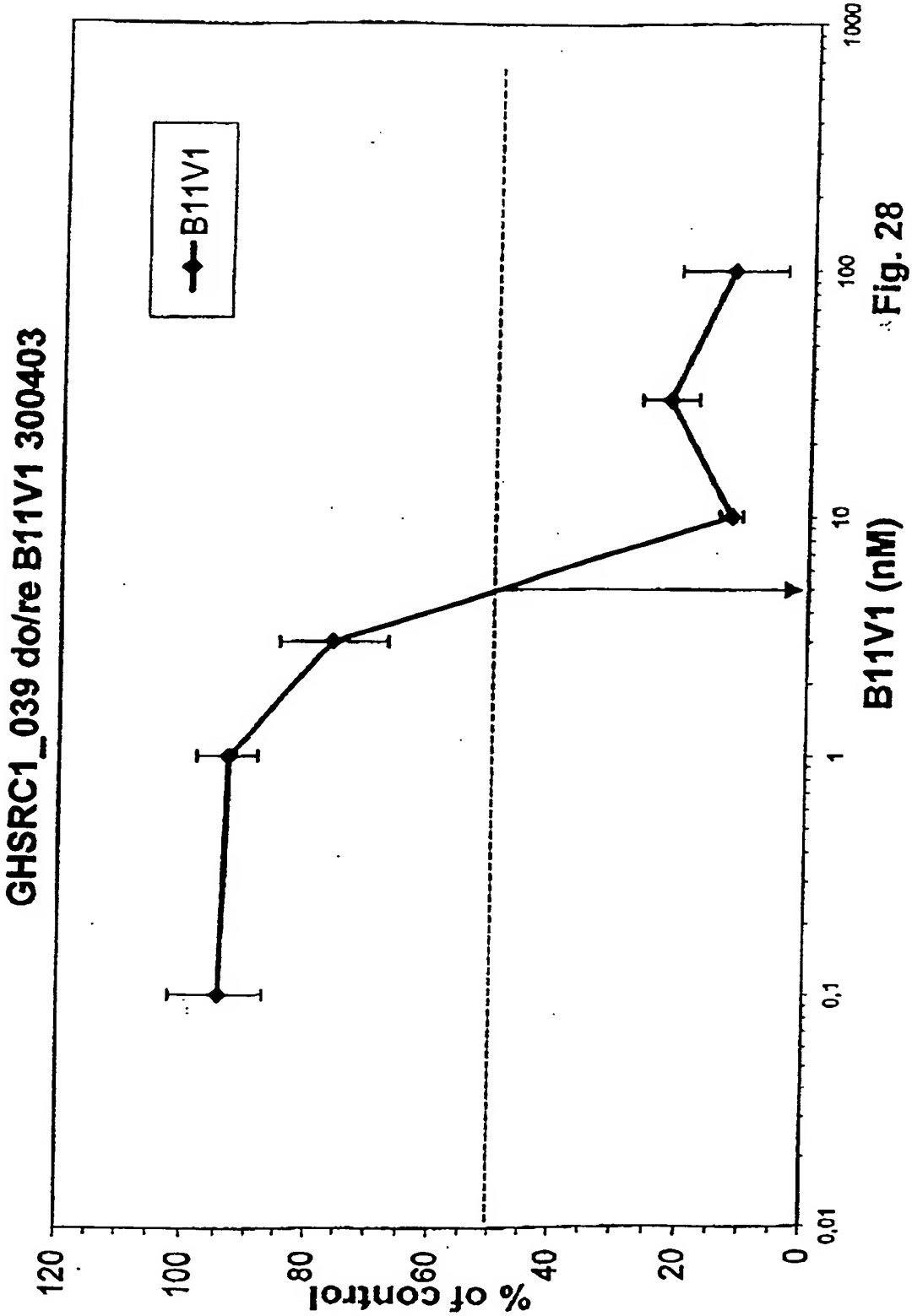


Fig. 28

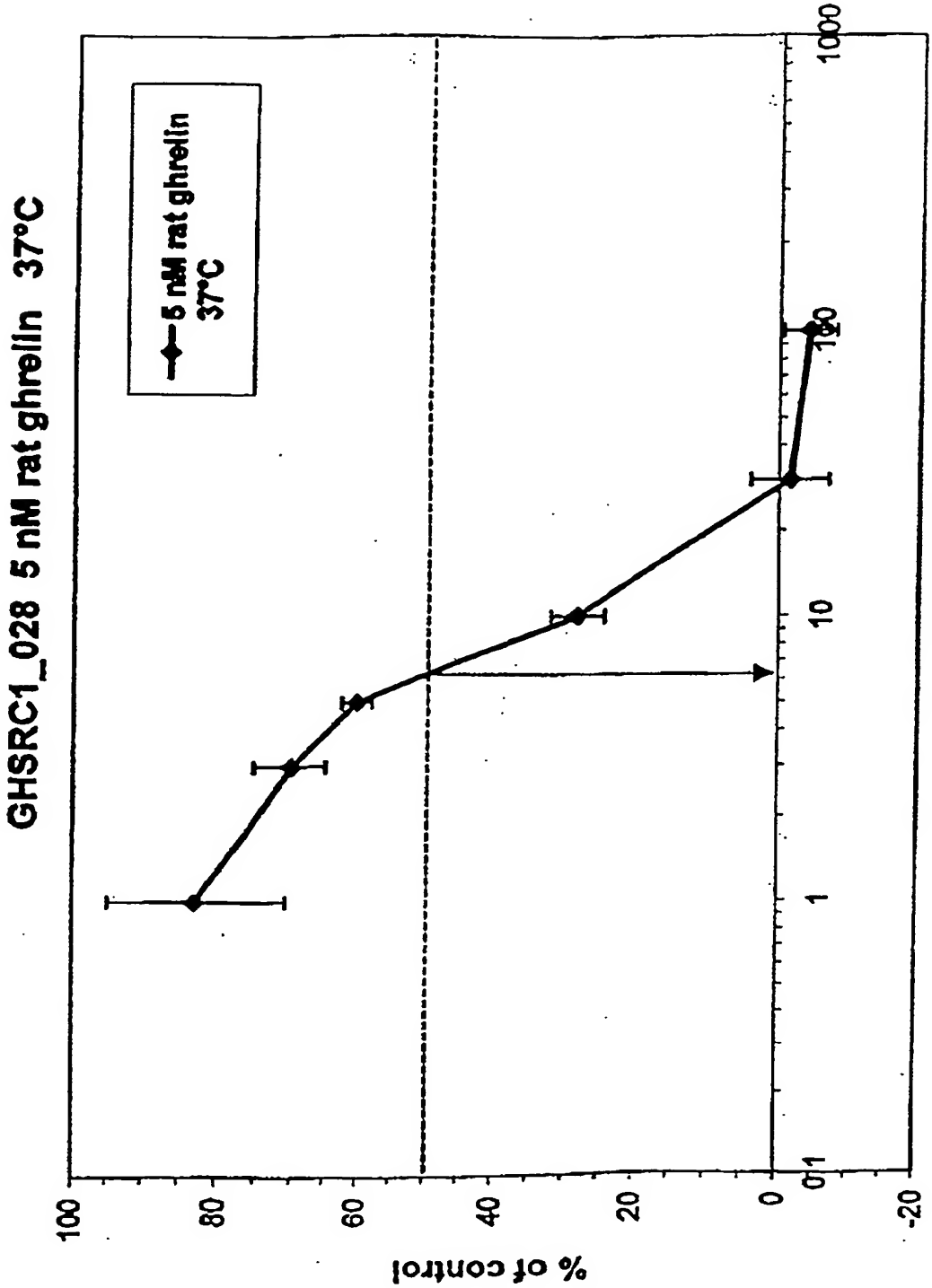


Fig. 29

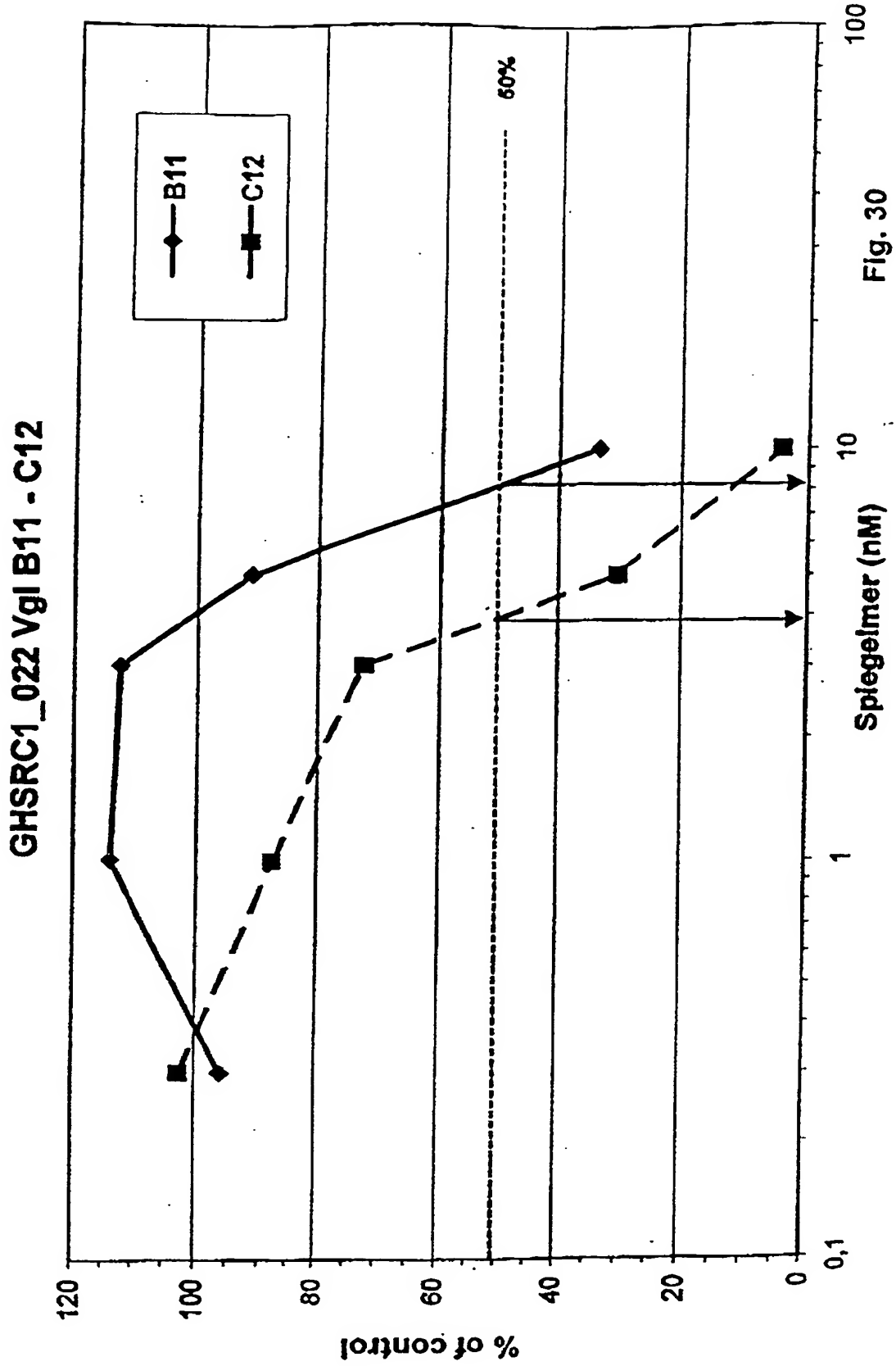


Fig. 30

SEQ ID NO	Identifier	Sequence
101	SOT-108-H3	5'-X-GGTGGGTGAGGCACACCCGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
102	SOT-108-A6	5'-X-GGTGGGTGAGGCATTAACGTAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
103	SOT-108-B7	5'-X-GGTGGGTGAGGCAGTTATGTAAGACCGAAGGTACCCAATCCTACCCACC-Y-3'
104	SOT-108-C2	5'-X-GGTGGGTGAGGCAGTCTTGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
105	SOT-108-C3	5'-X-GGTGGGTGAGGCATAAACGTAAGACCGAAGGTAACCAATCCTACCCGCC-Y-3'
106	SOT-108-A1	5'-X-GGTGGGTGAGGCAATGTCGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
107	SOT-108-A3	5'-X-GGTGGGTGAGGCACTAAAATAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
108	SOT-108-A4	5'-X-GGTGGGTGAGGCACGCAAATAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
109	SOT-108-A5	5'-X-GGTGGGTGAGGCGTTCACATAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
110	SOT-108-B1	5'-X-GGTGGGTGAGGCAGTAATGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
111	SOT-108-B3	5'-X-GGTGGGTGAGGCAATTAAGTAAGTCCGAAGGTAACCAGTCCTACCCACC-Y-3'
112	SOT-108-B6	5'-X-GGTGGGTGAGGCATGCAAGTAAGTCCGAAGGTACCCAATCCTACCCACC-Y-3'
113	SOT-108-C4	5'-X-GGTGGGTGAGGCATTAACGTAAGTCCGAAGGTAACCAATCCTACCTACC-Y-3'
114	SOT-108-C6	5'-X-GGTGGGTGAGGCACACAAATAAGTCCGAAGGTATCCAGTCCTACCCACC-Y-3'
115	SOT-108-C8	5'-X-GGTGGGTGAGGCAGACACGTAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
116	SOT-108-D5	5'-X-GGTGGGTGAGGCACACCCATAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
117	SOT-108-E6	5'-X-GGTGGGTGAGGCGTACAAATAAGTCCGAAGGTAACCAGTCCTACCTACC-Y-3'
118	SOT-108-F1	5'-X-GGTGGGTGAGGCAATAAAGTAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
119	SOT-108-F2	5'-X-GGTGGGTGAGGCAGCTATGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
120	SOT-108-F7	5'-X-GGTGGGTGAGGCAATCCGATAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
121	SOT-108-G3	5'-X-GGTGGGTGAGGCAGTAAAGTAAGACCGAAGGTAACCAATCCTACCCACC-Y-3'
122	SOT-108-G7	5'-X-GGTGGGTGAGGCATACAAGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
123	SOT-108-H4	5'-X-GGTGGGTGAGGCAGTTCAGTAAGTCCGAAGGTAACCAATCCTACCCACC-Y-3'
124	SOT-108-H5	5'-X-GGTGGGTGAGGCAGTAAAATAAGTCCGAAGGTATCCAATCCTACCCACC-Y-3'
125	SOT-108-D4	5'-X-GGTGGGTGAGGCAATCTGGTGAGGCAGATGTAAGACCGAAGGTAACCAATCCTACCCACC -Y-3'

Fig. 31

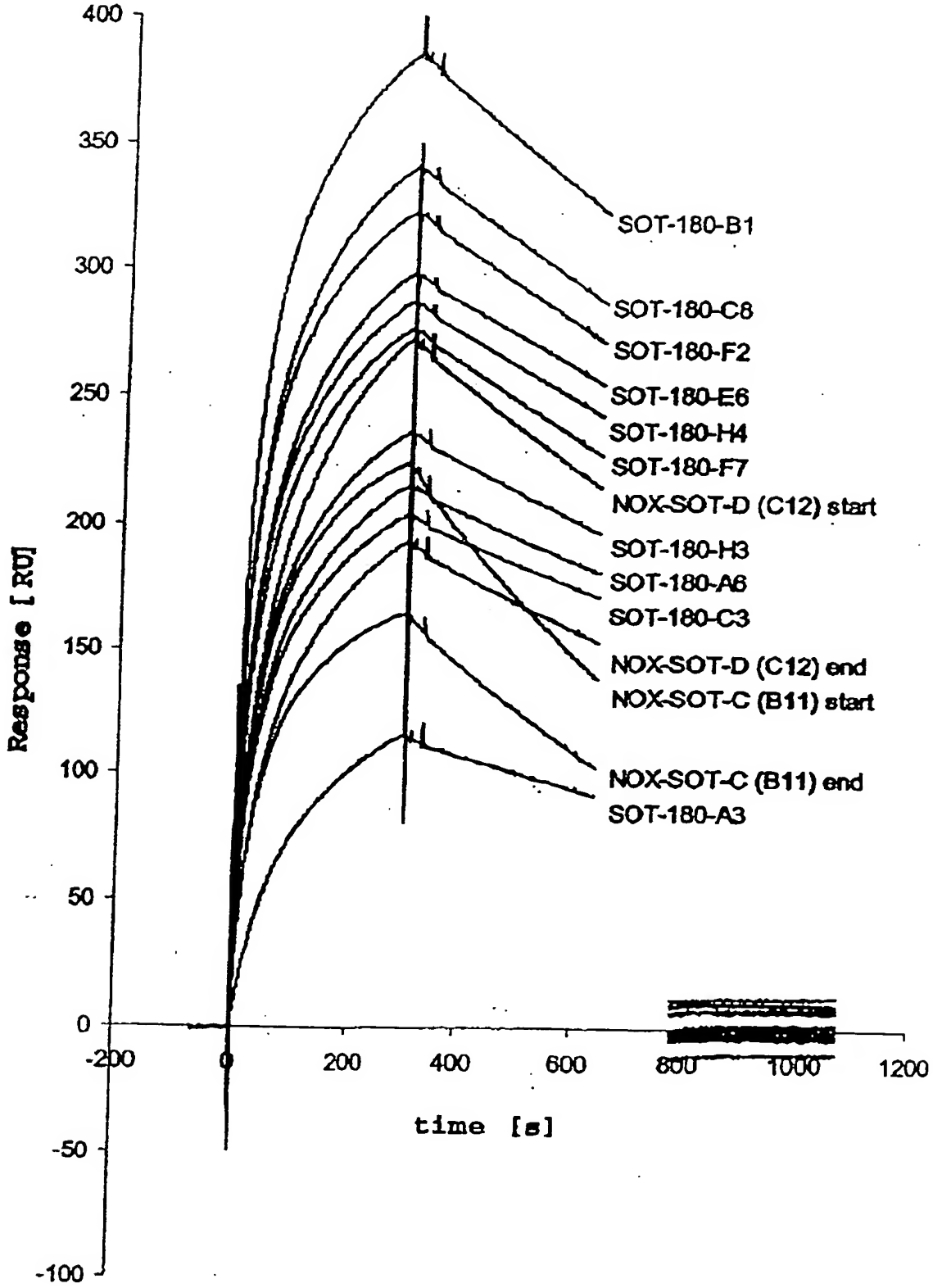


Figure 32A

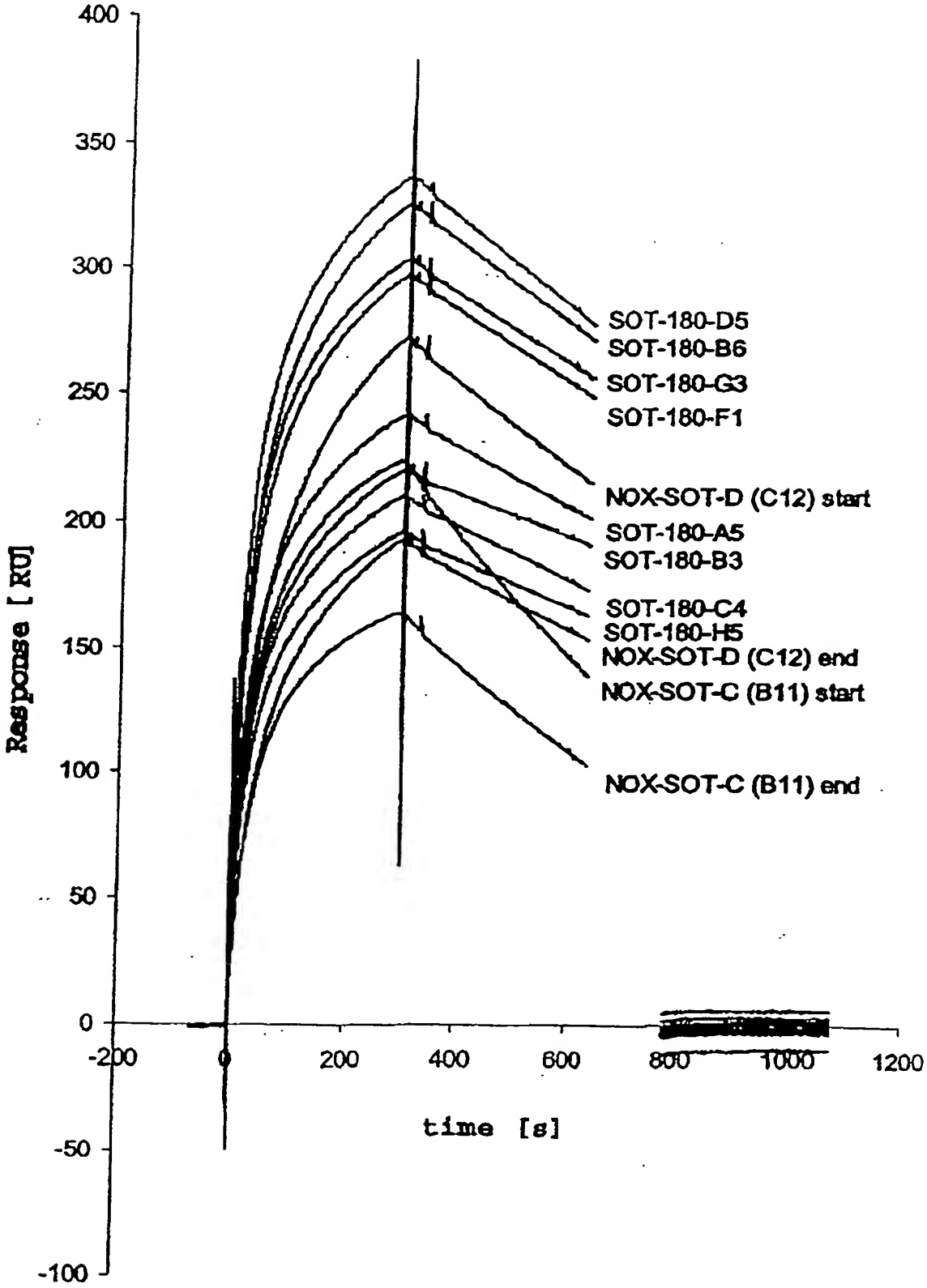


Figure 32B

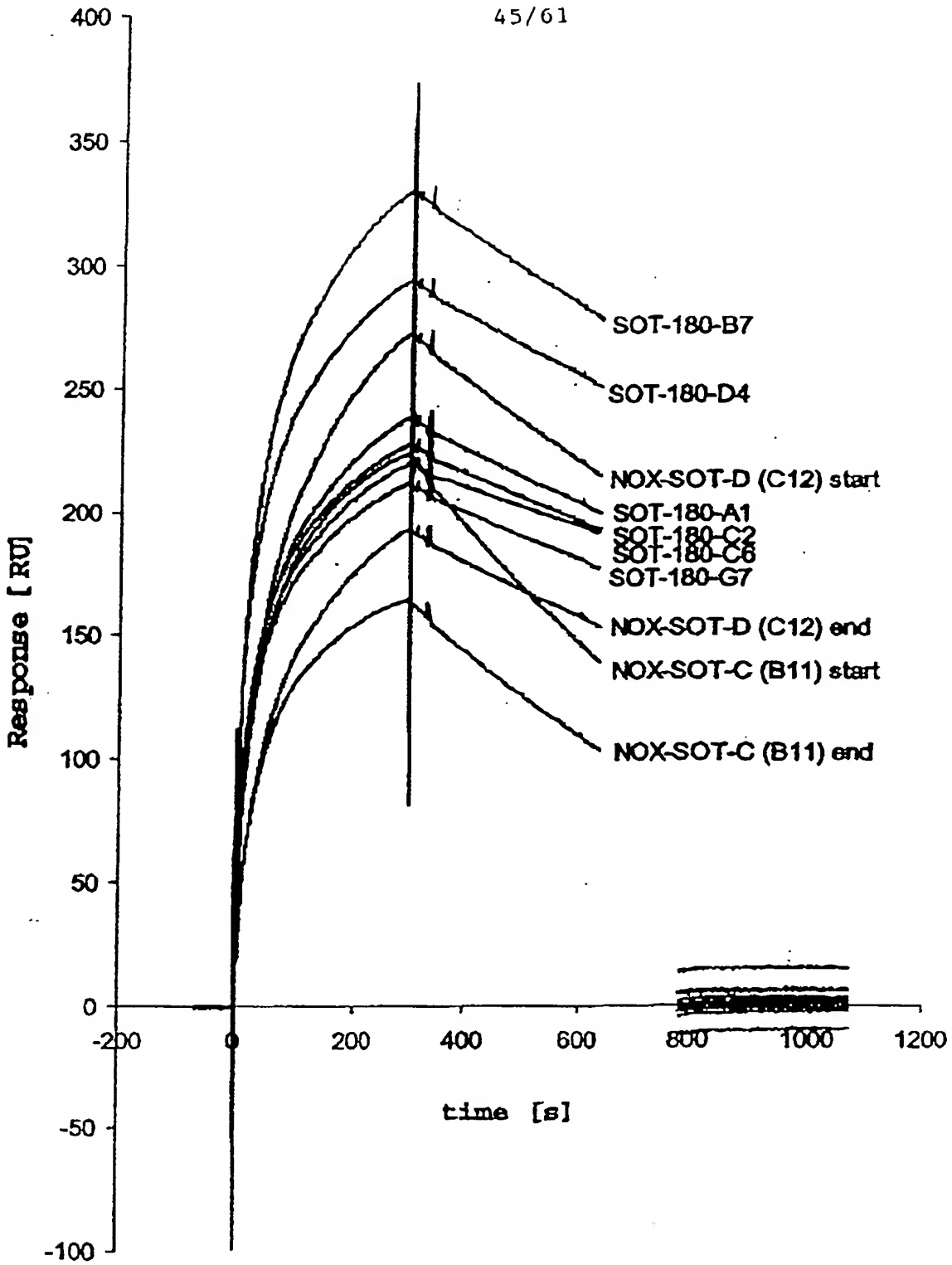


Figure 32C

Seq ID	name	Sequence	size (nt)	Original clone
87	sot_d_lr_054	GGTGGGTGAGGCAGTAATGTAAGTCCGAAGGTAACCAATCCTACCCACC	49	SOT-108-B1
88	sot_d_lr_055	GGGTGAGGCAGTAATGTAAGTCCGAAGGTAACCAATCCTACCC	43	SOT-108-B1
89	sot_d_lr_056	GGGTGAGGCAGACACGTAAGACCGAAGGTAACCAATCCTACCC	43	SOT-108-C8
90	sot_d_lr_057	GGTGGGTGAGGCAGCTATGTAAGTCCGAAGGTAACCAATCCTACCCACC	49	SOT-108-F2
91	sot_d_lr_058	GGGTGAGGCAGCTATGTAAGTCCGAAGGTAACCAATCCTACCC	43	SOT-108-F2
92	sot_d_lr_059	GGGTGAGGCATGCAAGTAAGTCCGAAGGTACCCAATCCTACCC	43	SOT-108-B6
93	sot_d_lr_060	GGGTGAGGCAGTTATGTAAGACCGAAGGTACCCAATCCTACCC	43	SOT-108-B7
94	sot_d_lr_061	GGTGGGTGAGGCACACCCATAAGTCCGAAGGTAACCAATCCTACCCACC	49	SOT-108-D5
95	sot_d_lr_062	GGGTGAGGCACACCCATAAGTCCGAAGGTAACCAATCCTACCC	43	SOT-108-D5
96	sot_d_lr_063	GGGTGAGGCAATCCGATAAGTCCGAAGGTAACCAATCCTACCC	43	SOT-108-F7
97	sot_d_lr_064	GGGTGAGGCAGTAAAGTAAGACCGAAGGTAACCAATCCTACCC	43	SOT-108-G3
98	sot_d_lr_065	GGGTGAGGCAGTTCAGTAAGTCCGAAGGTAACCAATCCTACCC	43	SOT-108-H4
99	sot_d_lr_066	GGGTGAGGCGTACAAATAAGTCCGAAGGTAACCAGTCCTACCC	43	SOT-108-E6
100	sot_d_lr_067	GGGTGAGGCACACAAATAAGTCCGAAGGTATCCAGTCCTACCC	43	SOT-108-C6

Fig. 33

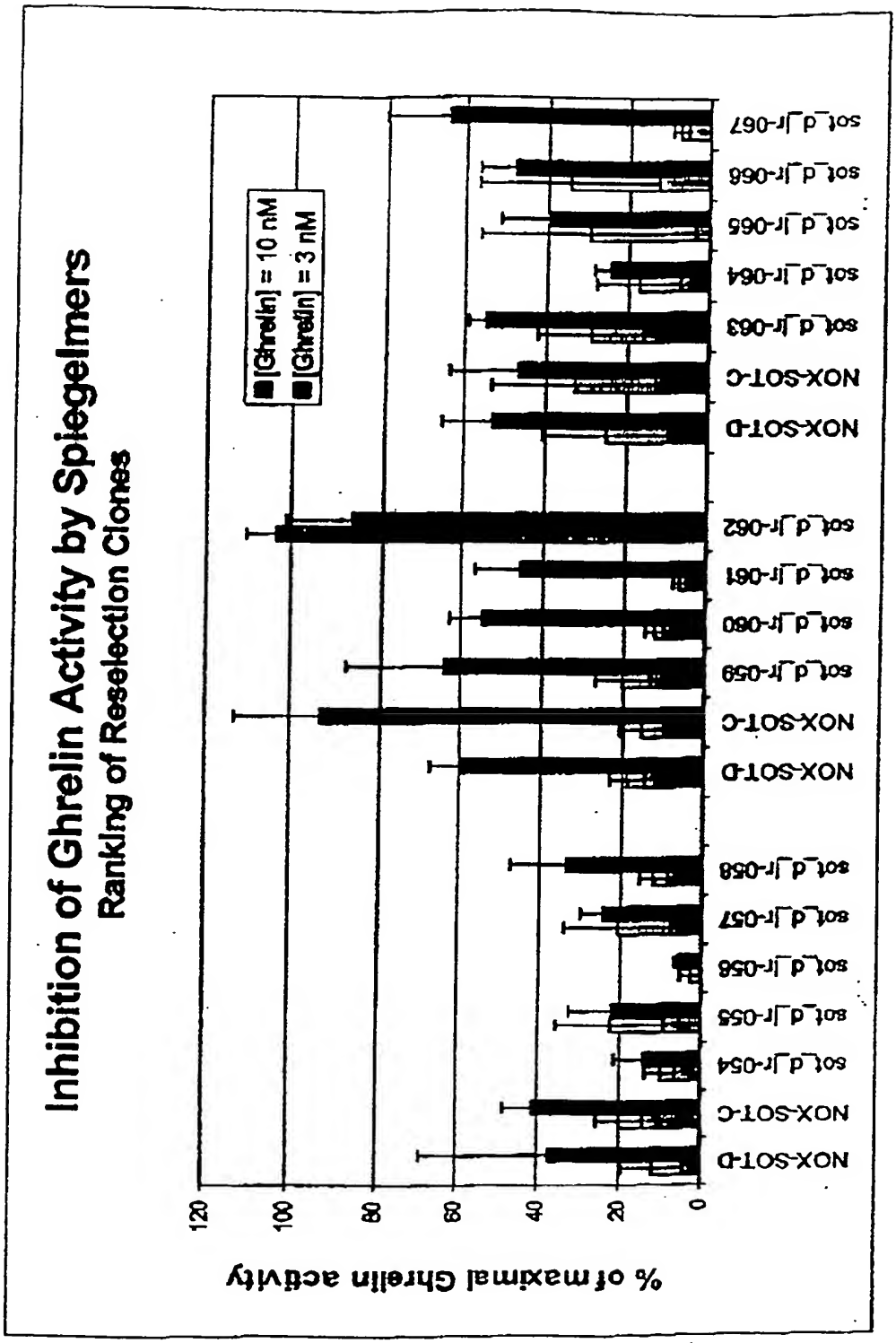


Figure 34

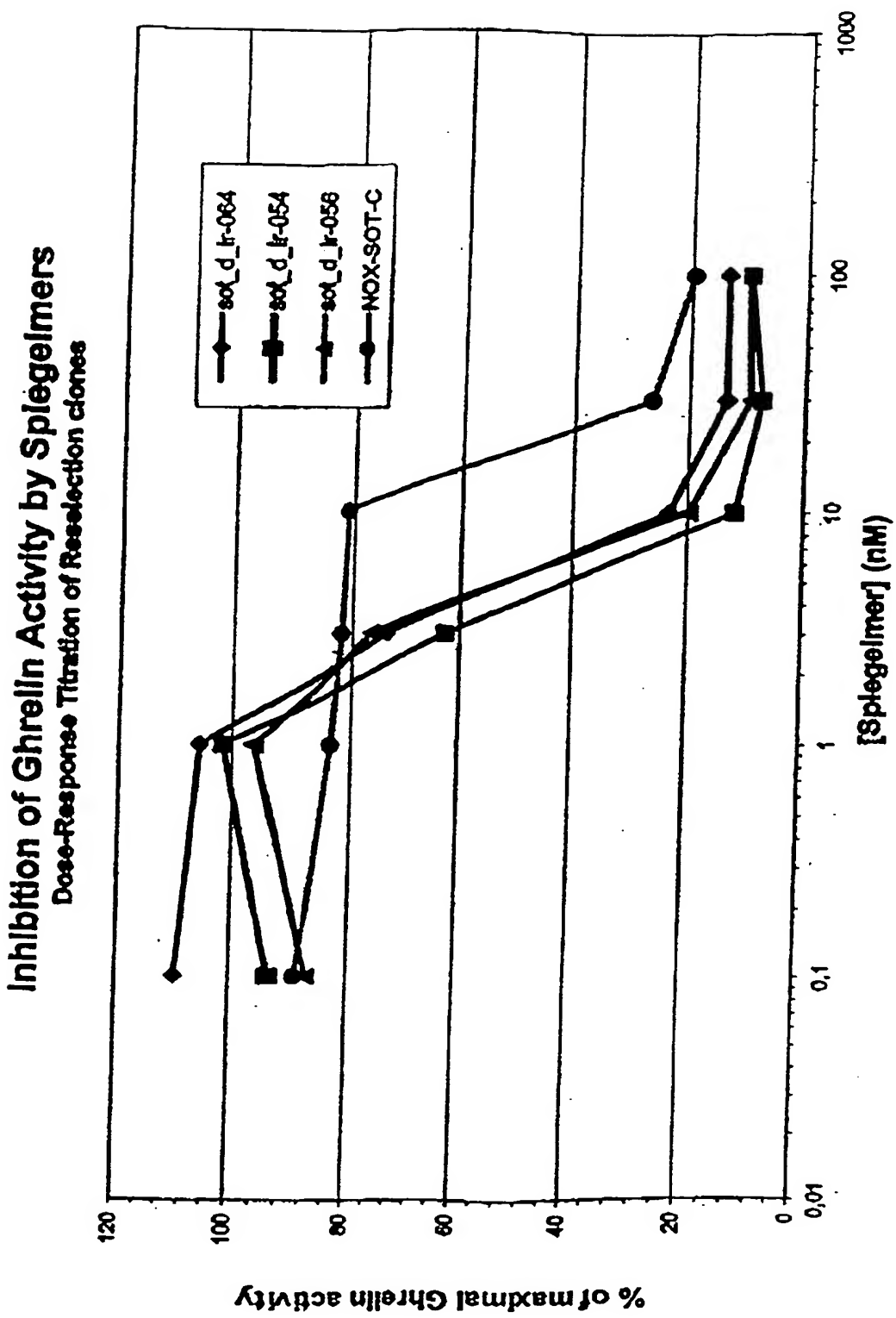


Figure 35

FIRST EXPERIMENT

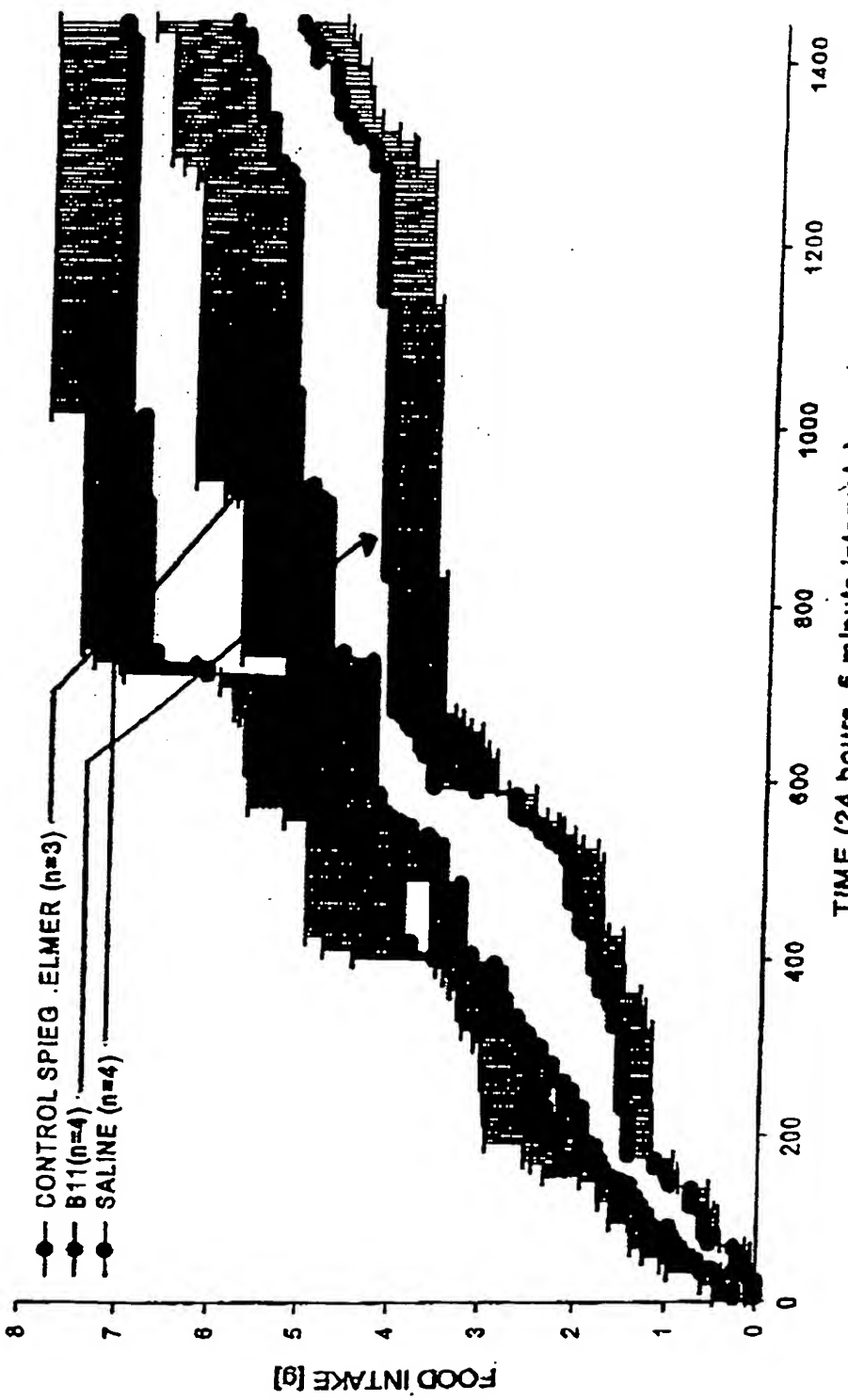


Fig. 36 A

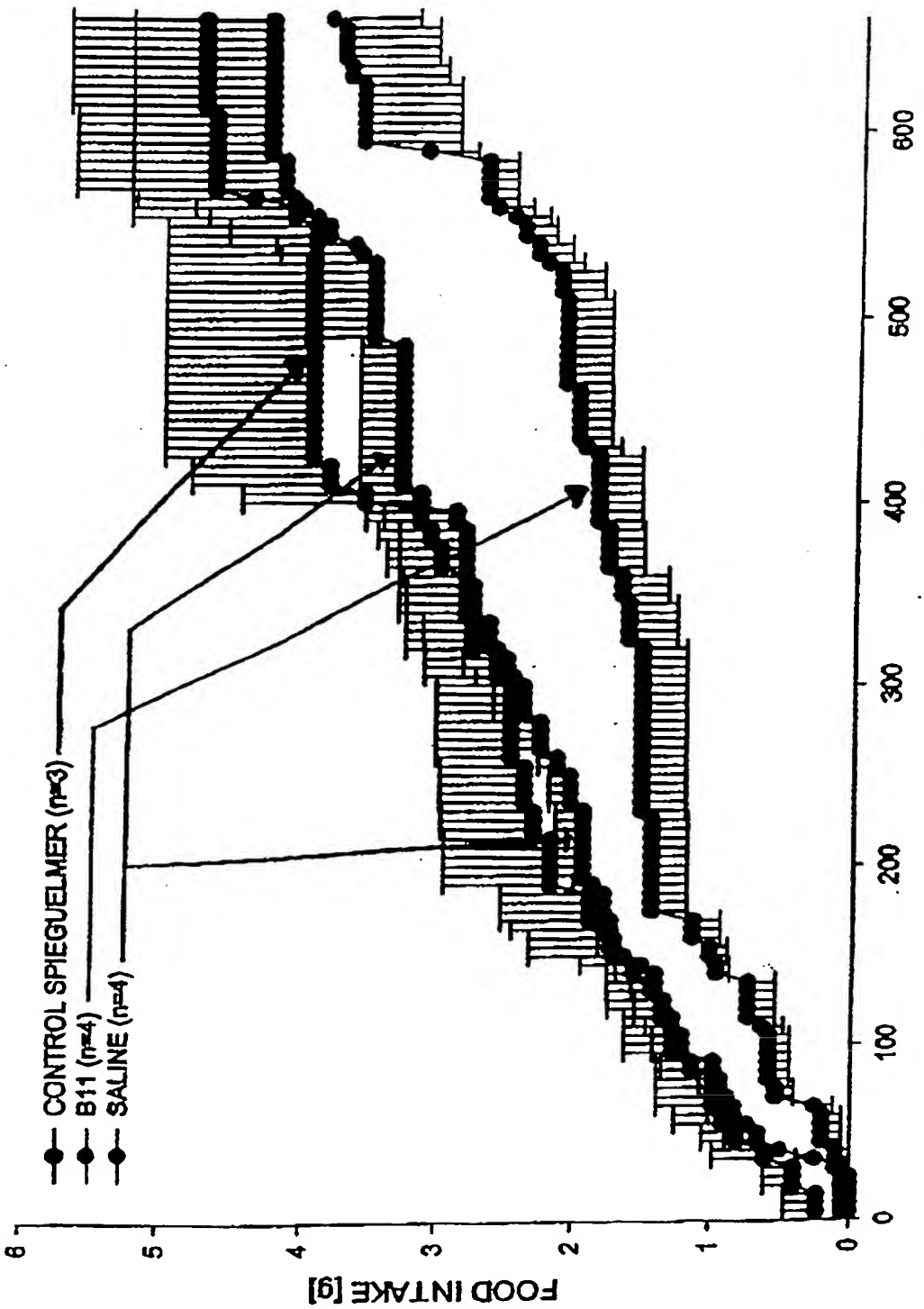


Fig. 36 B

SECOND EXPERIMENT

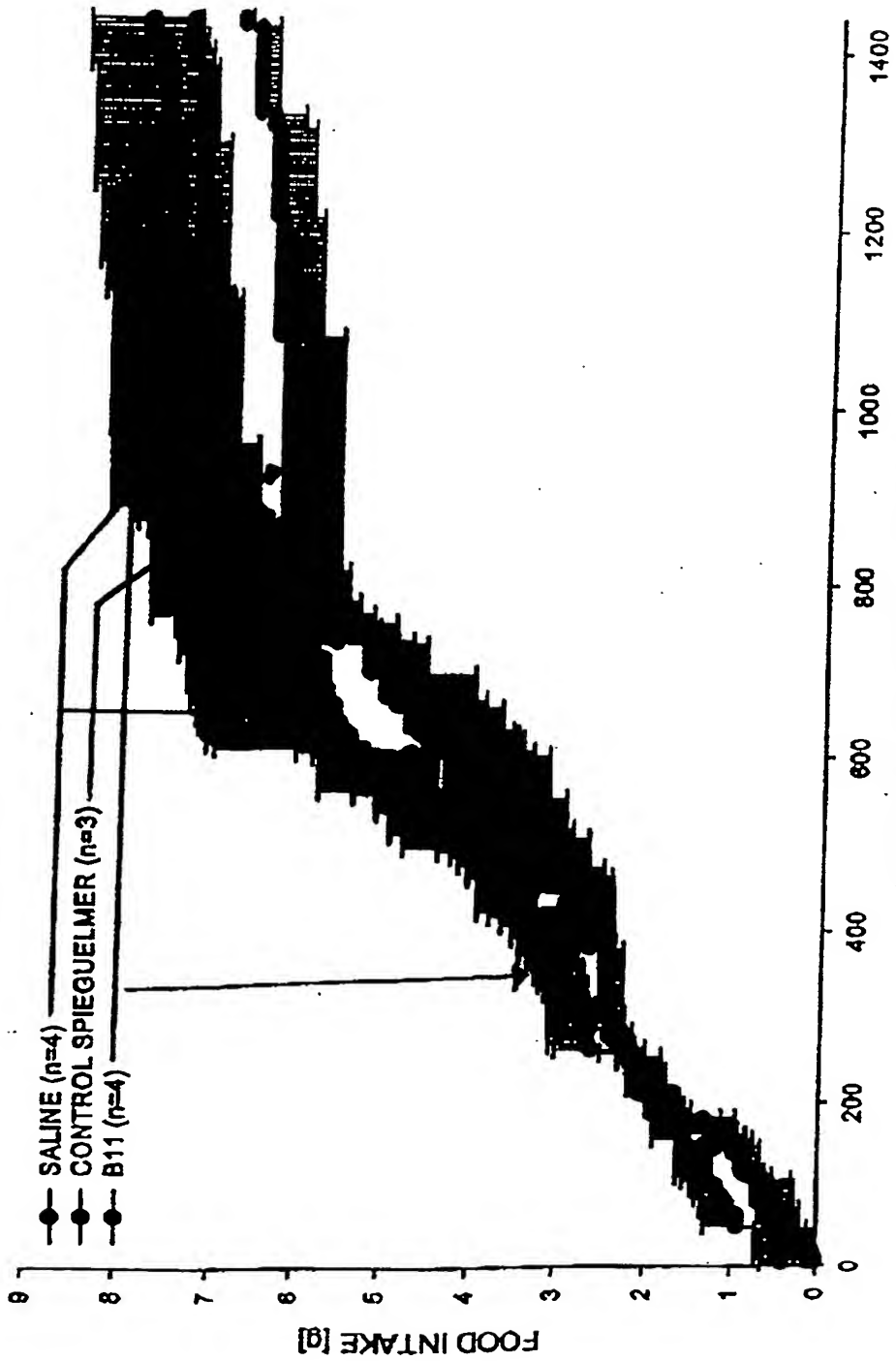


Fig. 37 A

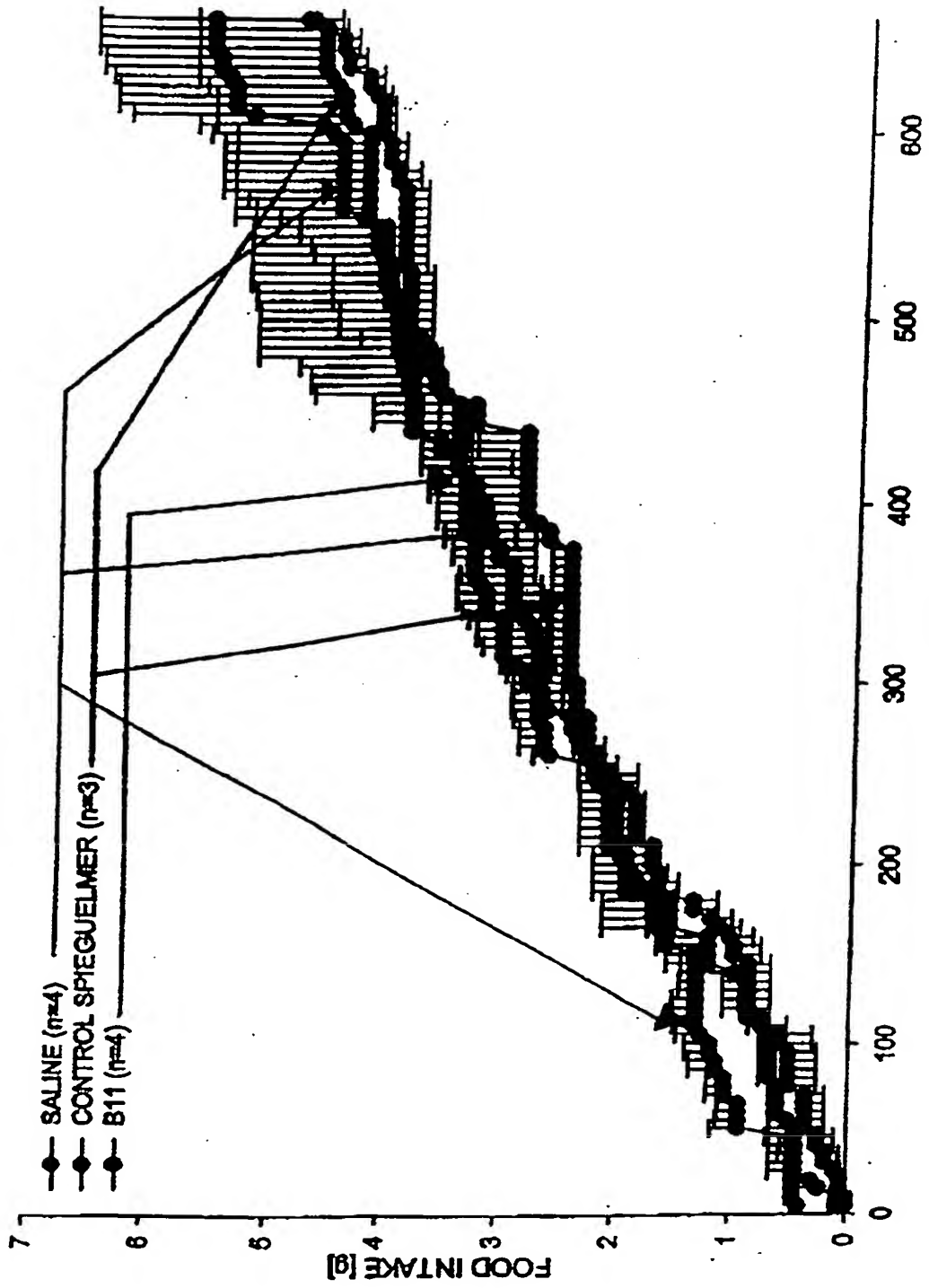


Fig. 37 B

TOTAL

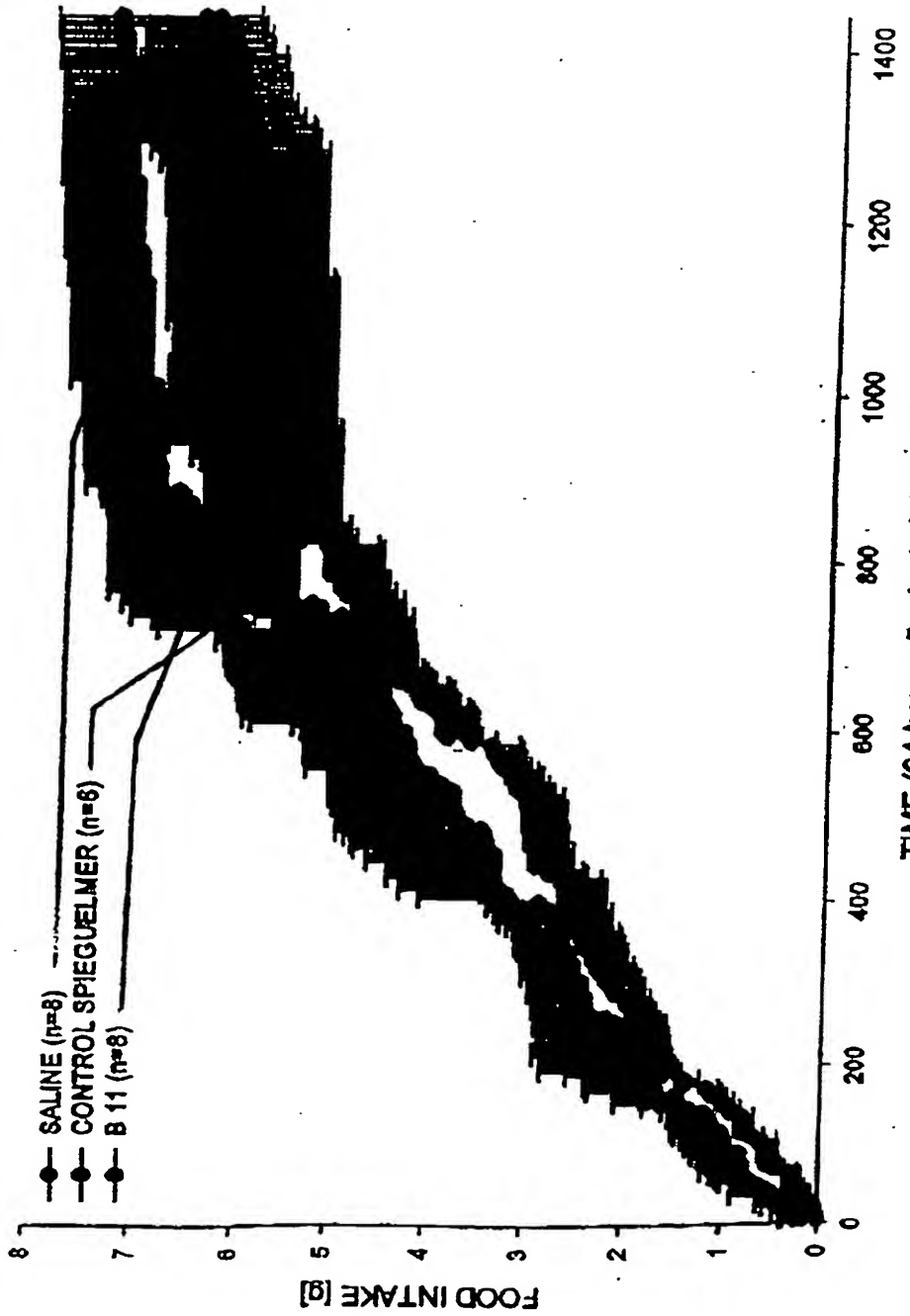


Fig. 38 A

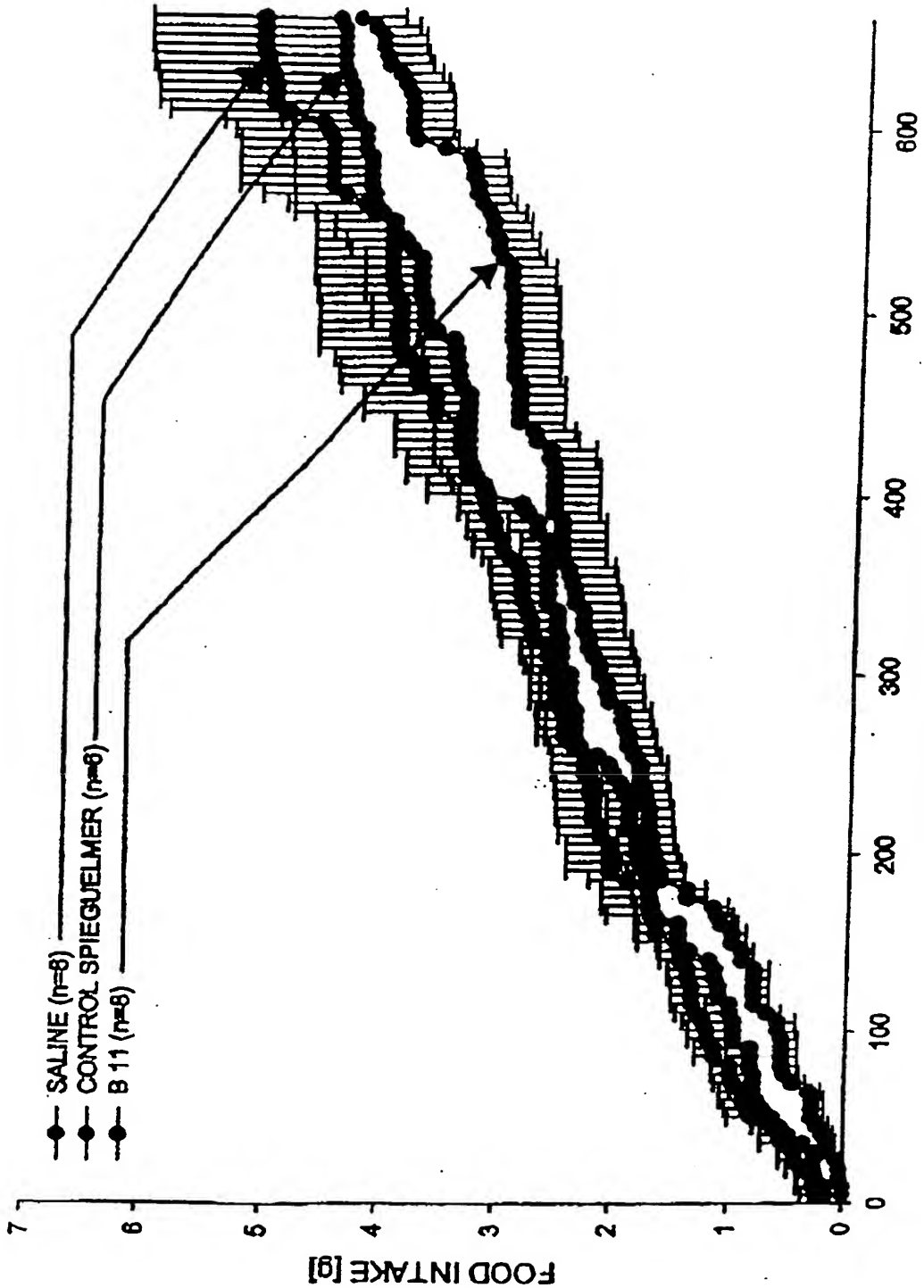
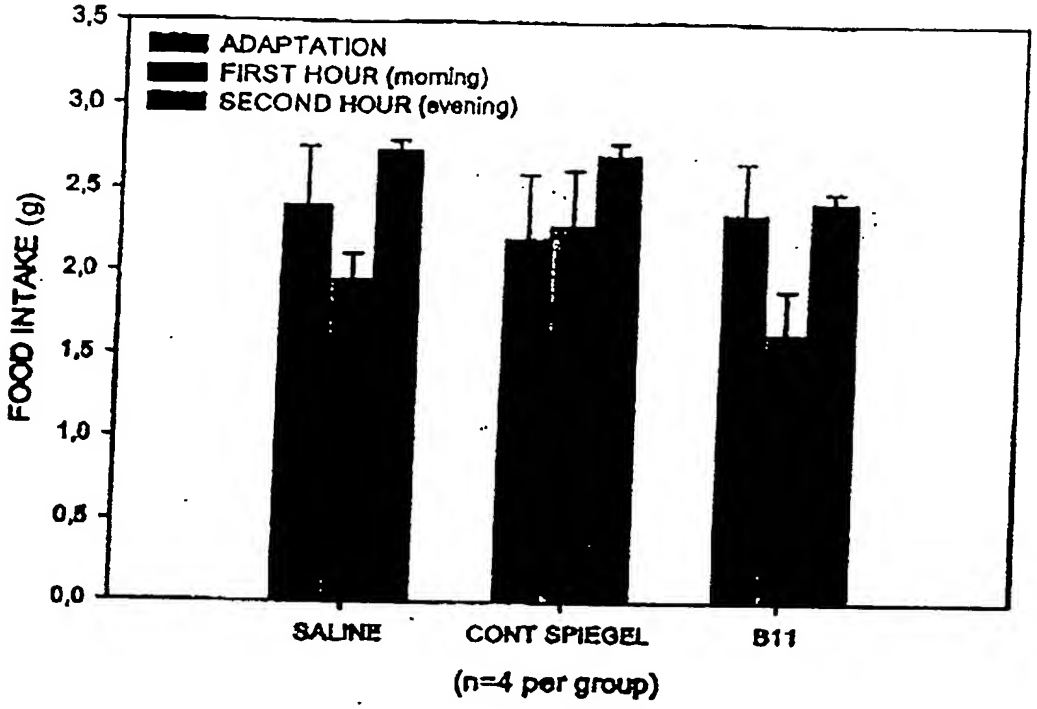
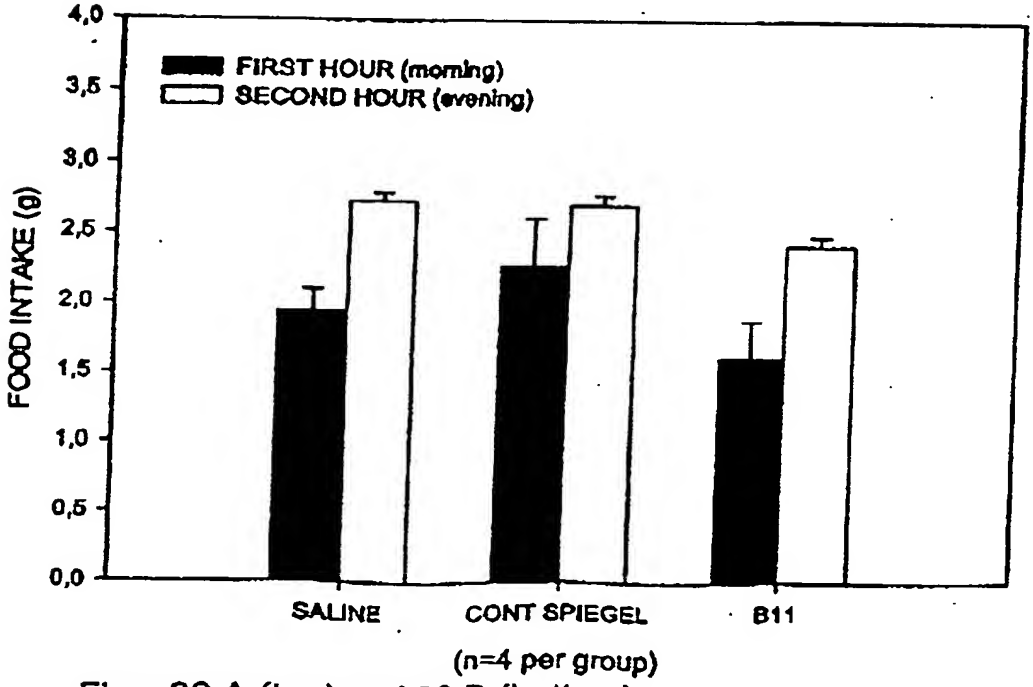


Fig. 38 B

MEAL TRAINING
FIRST EXPERIMENT

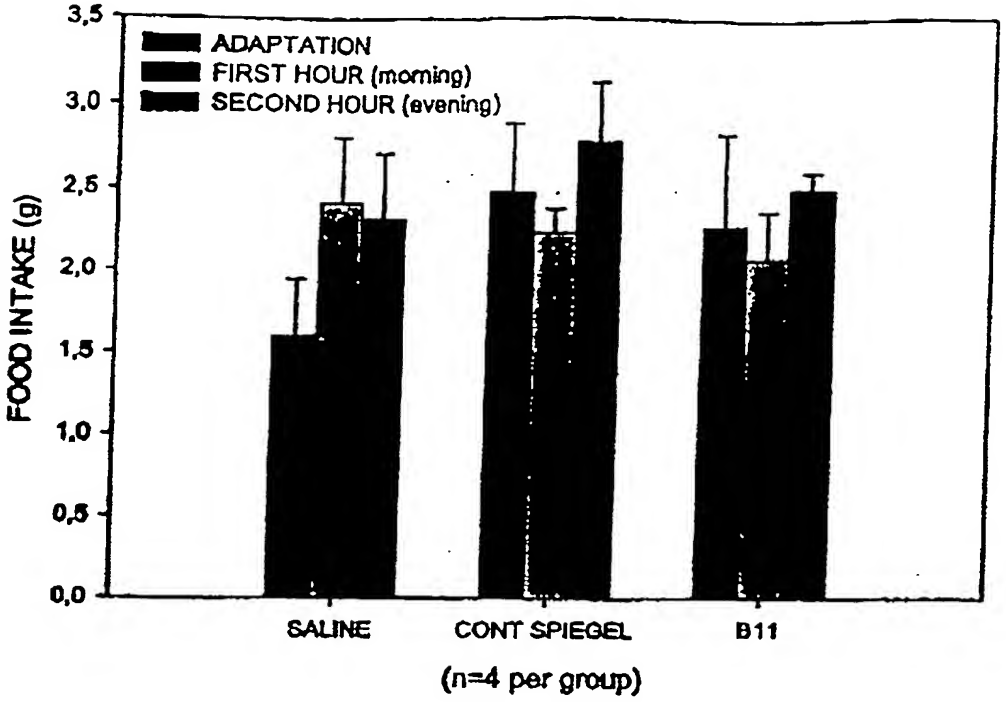


MEAL TRAINING
FIRST EXPERIMENT



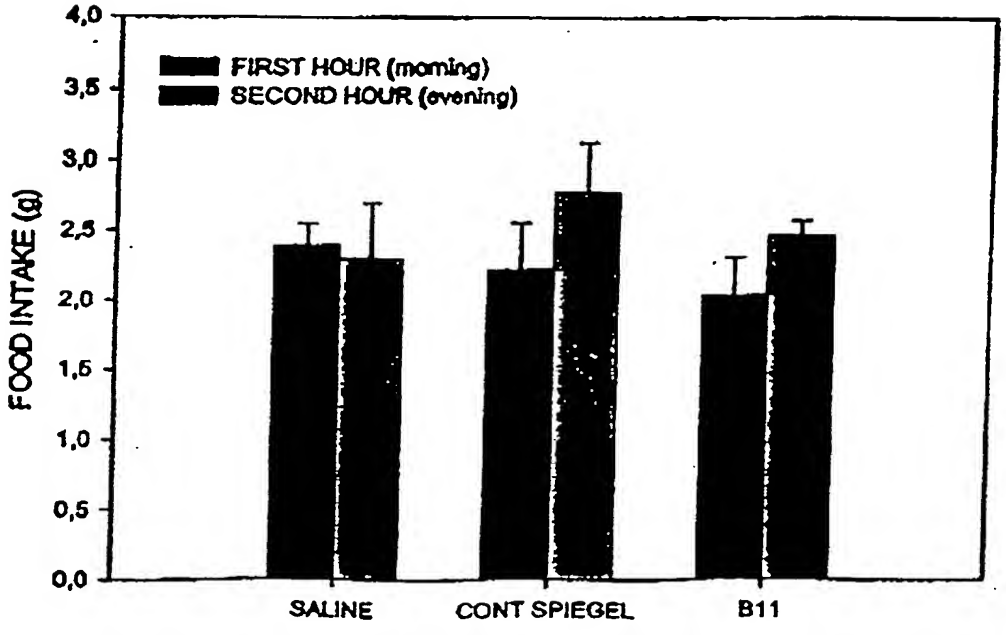
Figs. 39 A (top) and 39 B (bottom)

MEAL TRAINING
SECOND EXPERIMENT



(n=4 per group)

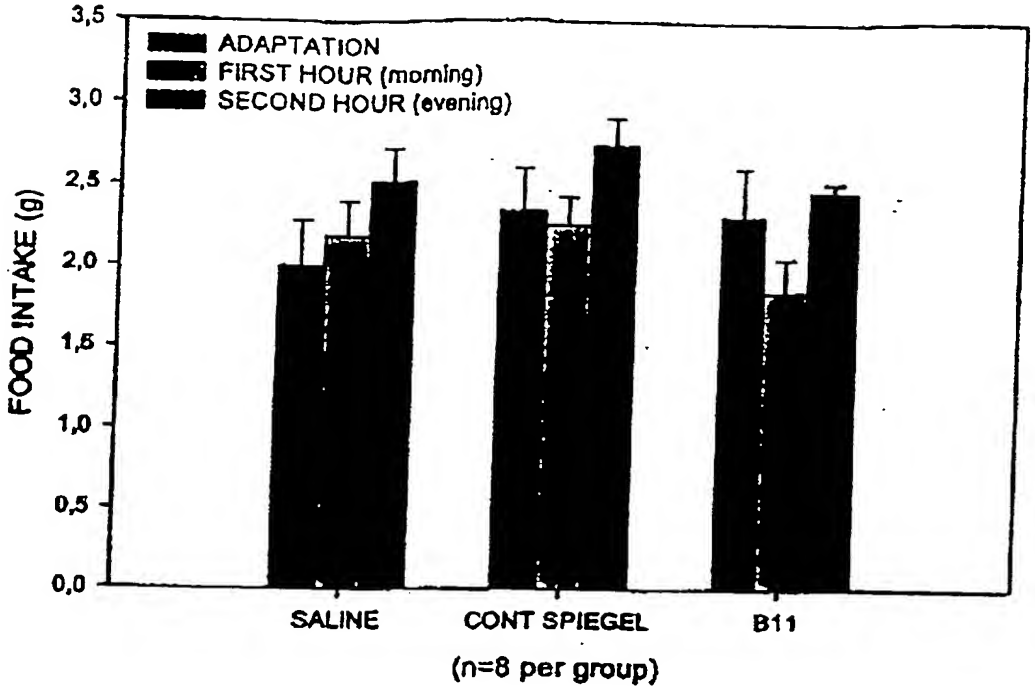
MEAL TRAINING
SECOND EXPERIMENT



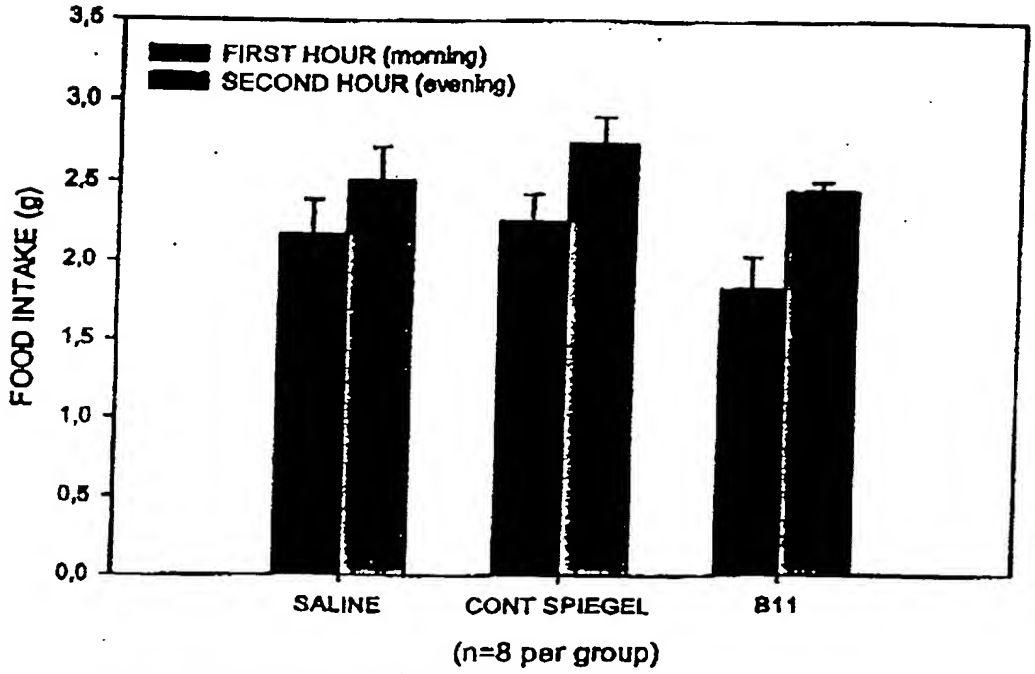
(n=4 per group)

Figs. 40 A (top) and 40 B (bottom)

MEAL TRAINING
TOTAL



MEAL TRAINING
TOTAL



Figs. 41 A (top) and 41 B (bottom)

I.C.V EXPERIMENT (24 hours)
(Male Wistar Rats)

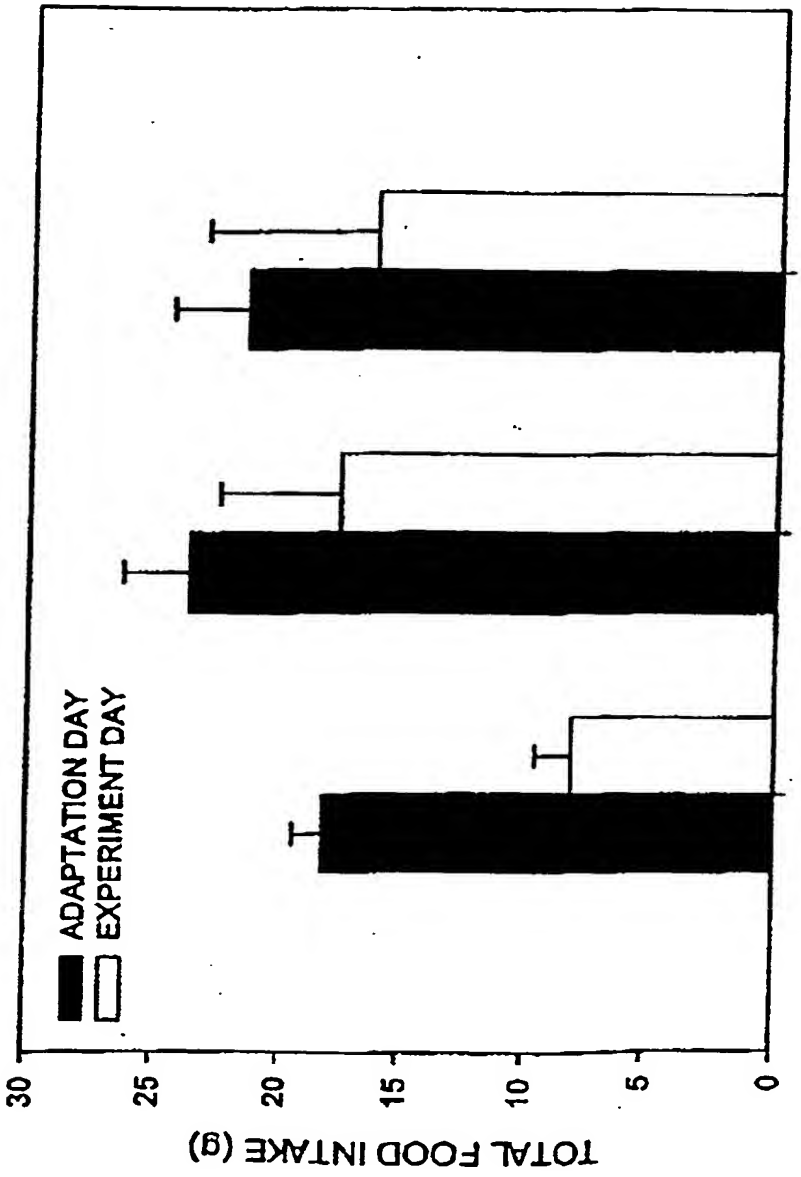


Fig. 42

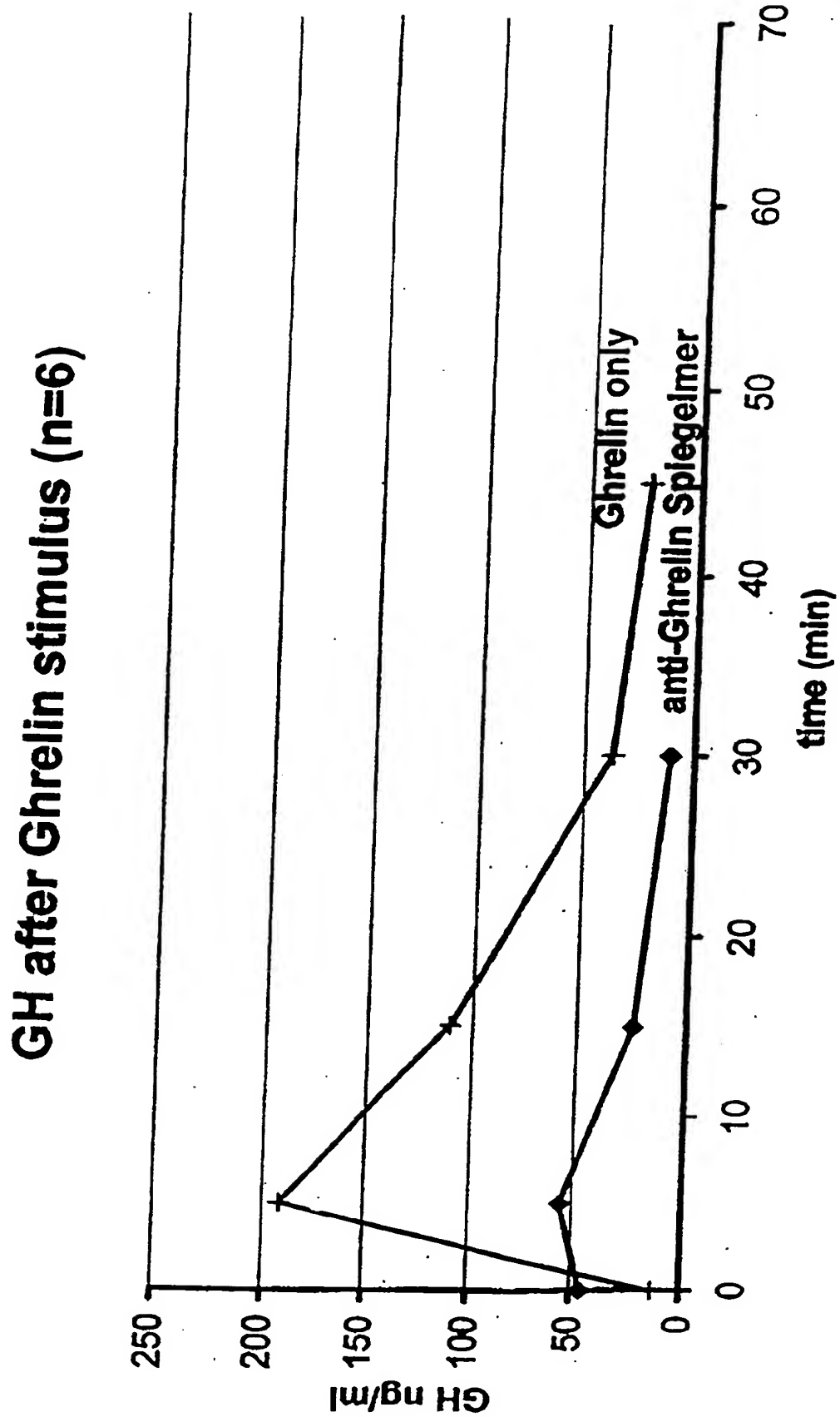
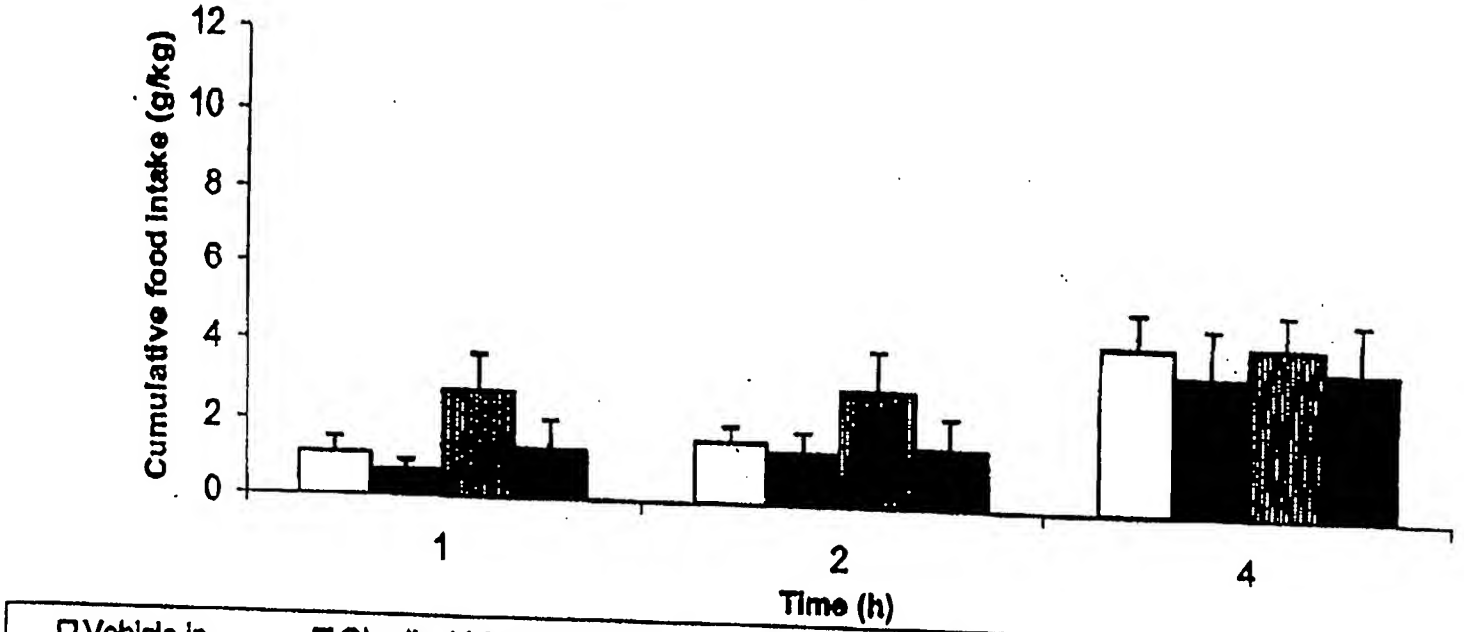


Fig. 43

Effects of acute administration of ghrelin on food intake in male Sprague-Dawley rats



Results are expressed as means + SEM for groups of 8 rats. Statistical comparisons were by one-way analysis of variance ($P>0.05$ at 1, 2 and 4 h).

Fig. 44

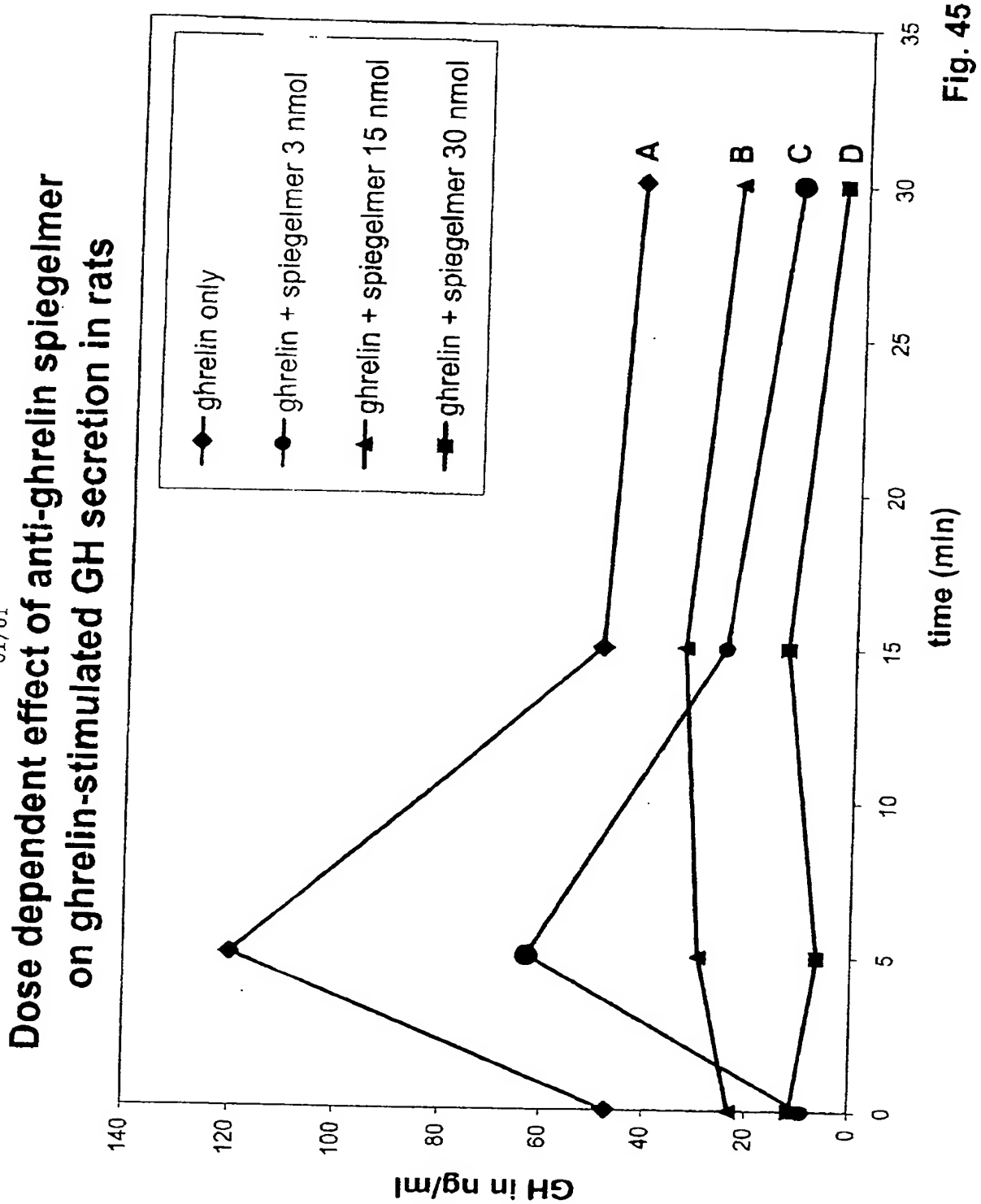


Fig. 45